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General Catalog No. 36

Established 1864

Incorporated 1891

DRAKE HARDWARE COMPANY



*Wholesale Distributors
of*

NATIONALLY ADVERTISED

HARDWARE

MECHANICS' TOOLS

AGRICULTURAL IMPLEMENTS

BUILDERS' HARDWARE

HOUSEHOLD GOODS

STEEL AND SHEET

METAL PRODUCTS

PLUMBING SUPPLIES

PAINT, STOVES

SHELF HARDWARE

SPORTING GOODS

ELECTRICAL SUPPLIES

WIRE AND NAILS

EXPLOSIVES

HARNESS

106-110 Washington Street

407-423 Front Street

BURLINGTON, IOWA

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AXES

KUT-WELL, SINGLE BIT



Hand forged high grade tool steel, tempered by special chemical process, hand hammered bits, carefully ground, black finish, deep-stamped Kut-Well, filled with gold.

Michigan Pattern, Unhandled

Weight, lbs.	3	3½	3½
Wt. dozen, lbs.	42	45	48
Per dozen	\$24.00	24.00	24.00

Weight, lbs.	3¾	4
Wt. dozen, lbs.	51	54
Per dozen	\$25.20	25.20

One-half dozen in a box.



Michigan Pattern Handled

Handled with 36 in. extra quality, extra thin grip hickory handles.

Weight, lbs.	3	3½	3½	3¾	4
Weight dozen, lbs.	62	65	68	71	74
Per dozen	\$35.00	35.00	35.00	36.20	36.20

One-half dozen in a crate.

PLUMB'S DREADNAUGHT SINGLE BIT



Forged from one piece of high grade special analysis steel. The bit is tempered to a depth of 2 inches and the head is hardened to a spring temper and will not batter or mash. The eye is stiffened so it will not spread or buckle.

Black non-rusting finish.

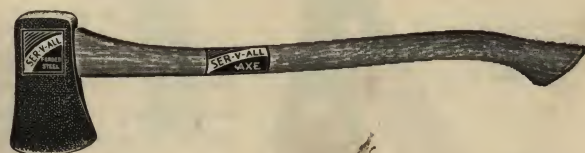
Handled with 36 in. mahoganized select hickory handle, fitted with patent take-up wedge.

Michigan Pattern Handled

Weight, lbs.	3¾	3½	3¾	4
Weight dozen, lbs.	65	68	71	74
Per dozen	\$33.00	33.00	34.20	34.20

One-half dozen in a crate.

SER-V-ALL, SINGLE BIT



Forged steel, black finish. Handled with 36 in. stained hickory handle.

Michigan Pattern Handled

Weight, lbs.	3½
Weight per dozen, lbs.	68
Per dozen	\$27.00

One-half dozen in a crate.

KUT-WELL, DOUBLE BIT



Hand forged high grade tool steel, tempered by special chemical process, hand hammered bits, carefully ground, black finish, deep-stamped Kut-Well, filled with gold.

Michigan Pattern, Unhandled

Weight, lbs.	3	3½	3½
Wt. dozen, lbs.	42	45	48
Per dozen	\$32.00	32.00	32.00

Weight, lbs.	3¾	4
Wt. dozen, lbs.	51	54
Per dozen	\$33.20	33.20

One-half dozen in a box.



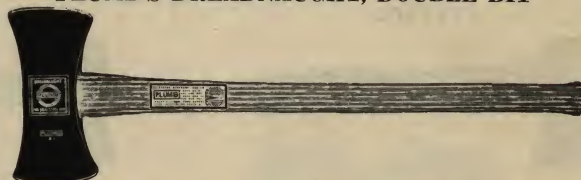
Michigan Pattern Handled

Handled with 36 in. extra quality, extra thin grip hickory handles.

Weight, lbs.	3	3½	3½	3¾	4
Weight dozen, lbs.	62	65	68	71	74
Per dozen	\$43.00	43.00	43.00	44.20	44.20

One-half dozen in a crate.

PLUMB'S DREADNAUGHT, DOUBLE BIT



Forged from one piece of high grade special analysis steel. The bit is tempered to a depth of 2 inches and the head is hardened to a spring temper and will not batter or mash. The eye is stiffened so it will not spread or buckle.

Black non-rusting finish.

Handled with 36 in. mahoganized select hickory handle, fitted with patent take-up wedge.

Michigan Pattern Handled

Weight, lbs.	3¾	3½	3¾	4
Weight dozen, lbs.	65	68	71	74
Per dozen	\$41.00	41.00	42.00	42.00

One-half dozen in a crate.

STORM KING, DOUBLE BIT



Forged steel, red painted body, partly polished bit. Handled with 36 in. white lacquered handle.

Michigan Pattern Handled

Weight, lbs.	3½
Weight per dozen, lbs.	68
Per dozen	\$35.00

One-half dozen in a crate.

AXES

CRAFTSMAN, SINGLE BIT



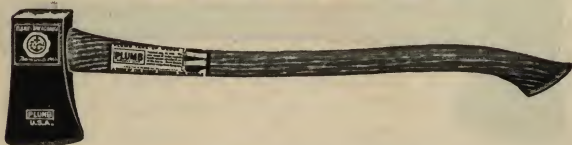
Michigan Pattern, Handled

Cast steel, black finish, polished cutting edge, brown lacquered hickory handle.

No. 876—3½ lb.; weight per dozen 66 lbs. Per dozen \$16.50
One-half dozen in a carton.

BOYS' HANDLED AXES

PLUMB'S DREADNAUGHT



Forged from one-piece of special analysis steel, black non-rusting finish, handled with 28 inch mahoganized hickory handle, fitted with patent take-up wedge.

No. HF662—2¼ lb. head; weight per dozen 42 lbs. Per dozen \$25.00
One-half dozen in a crate.

HOUSE AXES

PLUMB



Hand forged from one piece special analysis steel, heat treated. Fine keen cutting edge; black, non-rusting finished head. 19 in. mahoganized second growth hickory handle with take-up wedge.

No. HF665—Head 2¼ lbs.; wt. Per dozen \$25.00
per dozen 36 lbs.
One-half dozen in a box.

HUNTER'S AXES

PLUMB

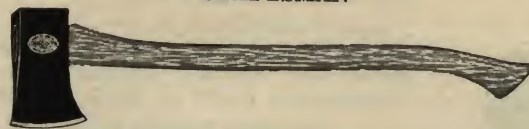


Hand forged from one piece special steel, heat treated. Keen cutting edge; non-rust dull black finish; red axe shaped handle.

No. HF672—Size No. 0, wt. of head 1½ lbs., length of handle 14 in., net weight per dozen 22 lbs. Per dozen \$19.00
One-half dozen in a box.

BOYS' HANDLED AXES

CRAFTSMAN

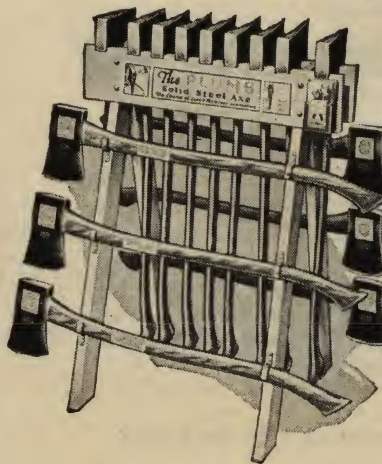


Cast steel, black finish, polished bit, 28 in. hickory handle.

No. 671—2¼ lb. head; weight per dozen 40 lbs. Per dozen \$13.00
One-half dozen in a carton.

AXE DISPLAY STANDS

PLUMB'S



A sturdily constructed wood frame which holds fifteen single or double bit axes and requires only three square feet of floor space. Every axe plainly in view.

Furnished with an order of one dozen Plumb axes at a charge of \$3.00 including free folder service giving instructions on axe sharpening and an attractive poster.

Weight each 11 lbs.

BOY SCOUT AXES

PLUMB'S OFFICIAL

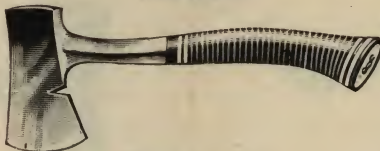


With Gold Seal

Hand forged steel, non-rusting black finish, stamped with official insignia, with nail slot, mission finish hickory handle.

No. 680—14 in. handle, wt. of head 1¼ lbs., without sheath, wt. per dozen 25 lbs. Per dozen \$20.00
No. 682—With leather sheath, otherwise same as No. 680, wt. per dozen 28 lbs. 25.00
One-half dozen in a box.

ESTWING



Unbreakable

Forged one-piece high carbon tool steel; handle one-piece steel with sole leather washers.

No. E524—3¼ in. cut, 13½ in. long over all, with hide leather belt sheath; wt. per dozen 20 lbs. Per dozen \$31.80
One-half dozen in a box.

CAMP AXES

RED LINE



Cast steel, red finish, polished blade, cream lacquered hardwood handle with red tip.

No. 1123—1¼ lb. head, 14 in. handle; weight per dozen 21 lbs. Per dozen \$8.75
One-half dozen in a box.

ADZES

PLUMB CARPENTER'S



Half Head

Hand forged from one piece of special analysis steel; black rustless finish; can be reground until practically worn away.

No. 740—4 in. blade; weight per dozen 60 lbs. Per dozen \$36.50
One dozen in a box.



2951



HF 2291



2971



2962



2981



682



2991

PLUMB
DOUBLE LIFE

Hatchets
As Advertised

PLUMB
Take-up Wedge
A Turn of the Screw
Keeps Handle Tight
Patented Aug. 15, '22



HF 72



HF 172



HF 86



HF 111



HF 81



HF 2580



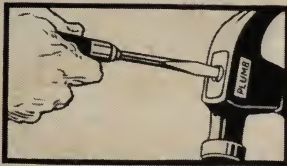
HF 281



HF 375



HF 250

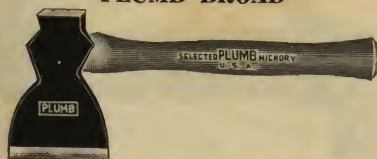


Hammer handles do loosen-
but you can tighten a PLUMB
just by a turn of the screw

PLUMB
DOUBLE LIFE

*Hammers
As Advertised*

HATCHETS PLUMB BROAD



Forged Steel, Ivory Black Finish

Red hickory handle, with patent take-up wedge.

Nos.	HF2991	HF2992
Size	1	2
Cut, inches	4	4½
Weight head	1 lb. 8 ozs.	1 lb. 12 ozs.
Wt. per doz., lbs.	24½	32½
Per dozen	\$29.70	32.00

Nos.	HF2993	HF2994
Size	3	4
Cut, inches	5	5½
Weight head	2 lbs. 2 ozs.	2 lbs. 8 ozs.
Wt. per doz., lbs.	39½	49½
Per dozen	\$34.40	36.90

One-third dozen in a box.

PLUMB'S FLOORING



Forged Steel, Ivory Black Finish

Red hickory handle, with patent take-up wedge.

Nos.	HF2985	HF2986
Size	1	2
Cut, in.	3¼	4½
Weight head	1 lb. 6 ozs.	1 lb. 10 ozs.
Wt. per doz., lbs.	27	30
Per dozen	\$29.70	32.00

One-half dozen in a box.

PLUMB CLAW



Forged Steel, Ivory Black Finish

Red hickory handle, with patent take-up wedge.

Nos.	HF2971	HF2972
Size	1	2
Cut, in.	3½	4
Weight head	1 lb. 3 ozs.	1 lb. 9 ozs.
Per dozen	\$25.20	26.40

One-half dozen in a box.

PLUMB PATENT TAKE-UP WEDGE



The wedge is cone-shaped with heavy threads. Slot fits screw driver blade. As wedge is turned its sharp taper expands wood against all sides of the eye all the way in. The screw thread prevents wedge from flying out.

All Plumb tools are fitted with patent take-up handle wedge.

HATCHETS PLUMB HALF



Forged Steel, Ivory Black Finish

Octagon head and neck, red hickory handle with patent take-up wedge.

No. HF2291—Size 2, cut 3½ in., weight of head 1 lb. 6 ozs.; wt. per dozen 26 lbs.....	\$28.00
---	---------

One-half dozen in a box.



Forged Steel, Ivory Black Finish

Red hickory handle, with patent take-up wedge.

Nos.	HF2961	HF2962
Size	1	2
Cut, in.	3¼	3½
Weight head	15 ozs.	1 lb. 5 ozs.
Wt. per doz., lbs.	21	26
Per dozen	\$22.80	24.00

One-half dozen in a box.

PHILADELPHIA TOOL CO. HALF



Forged steel, natural forge finish, white lacquered hickory handle.

Nos.	PTH-1	PTH-2
Size	1	2
Cut, in.	3¼	3½
Weight head	15 ozs.	1 lb. 5 ozs.
Wt. per doz., lbs.	21	26
Per dozen	\$16.10	17.20

One-half dozen in a box.

PLUMB SHINGLING



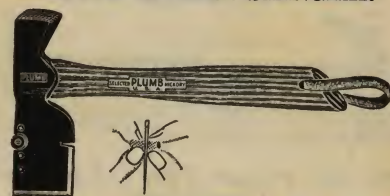
Forged Steel, Ivory Black Finish

Red hickory handle, with patent take-up wedge.

Nos.	HF2951	HF2952
Size	1	2
Cut, inches	3½	4
Weight head	1 lb. 1 oz.	1 lb. 7 ozs.
Wt. per doz., lbs.	23	27½
Per dozen	\$22.80	24.00

One-half dozen in a box.

HATCHETS PLUMB EXPERT SHINGLER



Forged Steel, Ivory Black Finish

Oval checkered face, adjustable gauge. Blade sharpened at back for use as a draw knife.

Mahoganized hickory handle, with wrist strap and patent take-up handle wedge.

No. 565—Cut 2½ in., weight head 16 oz., wt. per dozen 18 lbs.	\$40.00
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One-half dozen in a box.

PLUMB LATHING

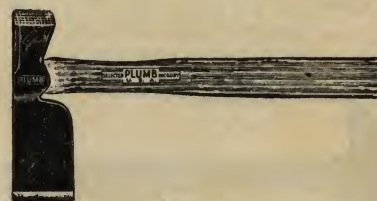


Forged Steel, Ivory Black Finish

Red hickory handle, with patent take-up wedge.

Nos.	HF2981	HF2982
Size	1	2
Cut, in.	2¼	2½
Weight head	14 ozs.	1 lb. 1 oz.
Wt. per doz., lbs.	17	21
Per dozen	\$22.80	24.00

One-half dozen in a box.



Underhill Pattern

Forged steel, full polished, hickory handle with patent take-up wedge.

No. HF1961—Polished, 15 oz. head, 9 row checkered face; weight per dozen 20 lbs.....	\$36.00
--	---------

No. HF1962—Ivory black finish, 10 oz. head, 10 row checkered face	36.00
---	-------

One-half dozen in a box.

PLUMB BARREL



Forged Steel, Ivory Black Finish

Checkered head, patent nail slot. Red hickory handle, with patent take-up wedge.

No. HF636—Size 1, cut 2½ in., 14 oz. head; wt. per dozen 19 lbs.	\$23.30
--	---------

One-half dozen in a box.

NAIL HAMMERS PLUMB AUTOGRAPH



Adze Eye, Octagon Poll, Octagon Neck,
Curved Claw

Special analysis steel, full polished
shaved swelled end selected hickory han-
dle, with patent take-up wedge.

Nos.....	AN11½	AN12
Size	1½	2
Weight head.....	1 lb.	13 oz.
Wt. doz., lbs.	20	17
Per dozen	\$21.30	20.60

One in a display box.

PLUMB



Adze Eye, Round Poll, Round Neck,
Curved Claw

Forged steel, ivory black finish, red
hickory handle, patent take-up wedge.

Nos.	HF80	HF81
Size	11	11½
Weight head	1 lb. 4 oz.	1 lb.
Wt. dozen, lbs.	22	20
Per dozen	\$19.30	16.00

Nos.	HF82	HF83
Size	12	13
Weight head	13 oz.	7 oz.
Wt. dozen, lbs.	17	12½
Per dozen	\$15.30	14.70

One-half dozen in a box.

PLUMB RIPPING

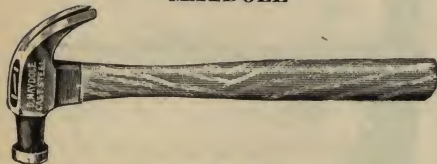


Adze Eye, Round Poll, Round Neck,
Straight Claw

Forged steel, ivory black finish, red
hickory handle, patent take-up wedge.

No. HF86—Size 11½; weight head	
1 lb.; wt. per dozen 20 lbs. ..	\$16.00
One-half dozen in a box.	

MAYDOLE

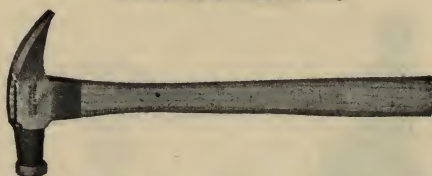


Adze Eye, Round Poll, Round Neck,
Curved Claw

Solid crucible cast steel, polished,
selected second growth hickory handle.

No. 11½—Size 1½; wt. of head 1	
lb.; wt. per dozen 20 lbs.	\$20.00
One-half dozen in a box.	

NAIL HAMMERS MAYDOLE RIPPING



Round Poll, Round Neck, Straight Claw

Solid crucible cast steel, polished, se-
lected second growth hickory handle.

No. 711½—Size 1½; weight head	
1 lb.; wt. per dozen 20 lbs.	\$20.00
One-half dozen in a box.	

PHILADELPHIA TOOL CO.

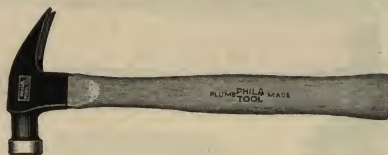


Adze Eye, Round Poll, Round Neck,
Curved Claw

Forged steel, black finish, white lac-
quered hickory handle.

No. 145—Size 1½, weight head 1	
lb.; wt. per dozen 20 lbs.	\$12.00
One-half dozen in a box.	

PHILADELPHIA TOOL CO. RIPPING



Adze Eye, Round Poll, Round Neck,
Straight Claw

Forged steel, black finish, white lac-
quered hickory handle.

No. 155—Size 1½, weight head 1	
lb.; wt. per dozen 20 lbs.	\$12.00
One-half dozen in a box.	

SER-V-ALL



Adze Eye, Round Poll, Round Neck,
Curved Claw

Forged steel, black forge finish stained
handle.

No. SN11½—Size 1½, weight of	
head 1 lb.; wt. per dozen 20 lbs. \$6.40	
One-half dozen in a box.	

Ripping, Straight Claw

No. SR11½—Size 1½, weight of	
head 1 lb.; wt. per dozen 20 lbs. \$6.40	
One-half dozen in a box.	

NAIL HAMMERS CRAFTSMAN



Adze Eye, Round Poll, Round Neck,
Straight Claw

Cast steel, black finish, polished poll
and claw, hardwood handle.

No. 12—Size 2, weight of head 13	
ozs.; wt. per dozen 15 lbs.	\$4.00
One-half dozen in a box.	

ESTWING, CURVED CLAW



Bell Face, Tempered Sure-Grip Claws,
Unbreakable

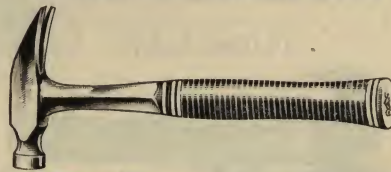
Head and handle forged from one piece
of tool steel, polished; waterproof leather
handle. 13 inches long.

Nos.	E112	E116	E120
Wt. head, ozs.	12	16	20
Wt. doz., lbs.	17	19	22
Per dozen	\$31.80	31.80	31.80

Black Finish

No. C16—16 oz. head; wt. per doz-	
en 19 lbs.	\$24.00
One-half dozen in a box.	

ESTWING, STRAIGHT CLAW



Bell Face, Tempered Sure-Grip Claws,
Unbreakable

Head and handle forged from one piece
of tool steel, polished; waterproof leather
handle; 13 inches long.

Nos.	E212	E216
Wt. head, ozs.	12	16
Wt. doz., lbs.	17	19
Per dozen	\$31.80	31.80

One-half dozen in a box.

STANLEY LADIES' HAMMER



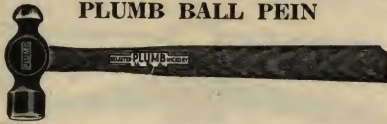
Adze Eye, Round Poll, Round Neck

Forged steel, black finish, polished
face, hickory handle, a good grade light
weight hammer for general use.

No. 214—Size 4, weight of head 5	
ozs.; wt. per dozen 6½ lbs. ..	\$6.00
One-half dozen in a box.	

MACHINISTS' HAMMERS

PLUMB BALL PEIN



Forged Tool Steel, Non-Rusting Black Finish

Mahoganized hickory handle, patent take-up wedge.

Nos.....	HF369	HF371	HF372	HF373
Size	5/0	3/0	2/0	0
Wt. hd., lbs.	1/8	1/2	3/4	1
Wt. dz., lbs.	7	12	15	18
Per dozen...	\$14.20	14.20	14.20	15.00

Nos.....	HF374	HF375	HF376	HF377
Size	1	2	3	4
Wt. hd., lbs.	1 1/4	1 1/2	1 3/4	2
Wt. dz., lbs.	27	29	33 1/2	37
Per dozen...	\$16.20	17.40	18.60	19.80

One-third dozen in a box.

HAND HAMMERS

PLUMB ENGINEERS' AND BLACKSMITHS'



Forged Tool Steel, Non-Rusting Black Finish

Mahoganized hickory handle, patent take-up wedge.

Nos.....	HF280	HF281	HF282
Size	0	1	2
Weight head, lbs.	1 1/8	2	2 5/8
Weight dozen, lbs.	29 1/2	34	37
Per dozen	\$22.70	24.50	26.30

Nos.....	HF283	HF284
Size	3	4
Weight head, lbs.	3	3 1/2
Weight dozen, lbs.	39	41
Per dozen	\$28.10	30.50

One-third dozen in a box.

RIVETING HAMMERS

PLUMB



Plain Eye, Forged Tool Steel, Non-rusting Black Finish

Mahoganized hickory handle, patent take-up wedge.

Nos.....	HF251	HF252	HF253	HF254
Size	1	2	3	4
Wt. hd., ozs.	7	9	12	17
Wt. doz., lbs.	7	9	12	17
Per dozen...	\$16.70	17.40	18.20	18.80

One-half dozen in a box.

FARRIERS' HAMMERS

PLUMB



Adze Eye, Octagon Pattern

Forged tool steel, non-rusting black finish, mahoganized hickory handle, patent take-up wedge.

No. 172—Size No. 3, wt. head 10 oz.; wt. per dozen 12 1/2 lbs....	\$22.80
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One-half dozen in a box.

TINNERS' RIVETING HAMMERS

PLUMB'S



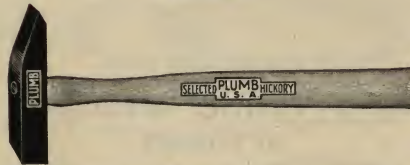
Octagon Face, Forged Steel, Ivory Black Finish

Red hickory handle, with patented take-up wedge. Per dozen No. HF221—Size 2; wt. of head 12 oz.; wt. per dozen 15 lbs.....\$18.30

One-half dozen in a box.

TINNERS' PANEING HAMMERS

PLUMB



Square Face, Forged Tool Steel, Non-rusting Black Finish

Mahoganized hickory handle, patent take-up wedge.

No.	HF231
Size	1
Weight head, lbs.	3/4
Weight per dozen, lbs.	15
Per dozen	\$18.30

One-half dozen in a box.

BRICK HAMMERS

PLUMB'S



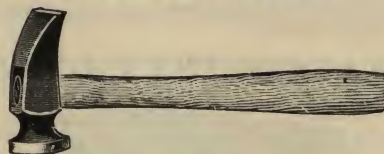
Forged Steel, Ivory Black Finish

Square face, adze eye, red hickory handle, patented take-up wedge.

No. HF461—Size 1; weight of head 1 1/2 lbs.	\$20.70
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One-half dozen in a box.

SHOE HAMMERS



Cast Iron

Japanned finish with polished face. Oval hardwood handle.

No. 4—12 oz. head; weight per dozen 15 lbs.....	\$4.65
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One-half dozen in a box.

TACK HAMMERS

MAGNETIC

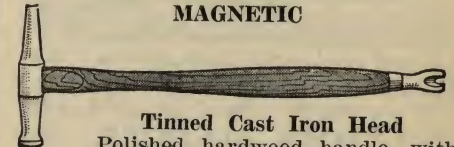


Forged steel, polished, waxed hardwood handle.

No. 295—5 oz. head; weight per dozen 6 lbs.....	\$6.00
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One-half dozen in a box.

MAGNETIC



Tinned Cast Iron Head

Polished hardwood handle, with claw.

No. 2—4 in. head, 12 in. long over all; weight per dozen 1 1/4 lbs..	\$2.50
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One dozen in a box.

TINNERS' MALLETS



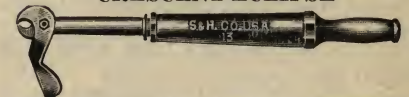
Selected hickory head and handle.

No. 4—5 1/2 x 2 1/2 in. head, 10 1/2 in. handle; weight per dozen 9 lbs..	\$4.70
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Open stock.

NAIL PULLERS

CRESCENT-ECLIPSE



Blue iron rammer. Natural black forged steel jaws.

No. 13—18 in. long, 11 in. rammer; weight per dozen 65 lbs.....	\$17.75
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One dozen in a case.

NAIL CLAWS



Wrought steel, japanned, five fingers.

No. 0—12 in. long; weight per dozen 15 lbs.	\$6.00
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Open stock.

HAY OR BOX HOOKS



Forged steel, bright finish, hardwood handle.

No. 14—8 1/4 in. long, 3/8 in. diameter hook, 5 1/4 in. handle; weight per dozen 6 1/2 lbs.....	\$4.90
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One-half dozen in a box.

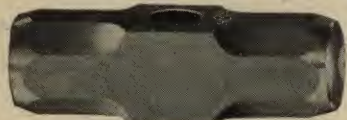
BLACKSMITHS' SLEDGES



No. 322—Cross Pein

Forged steel, black finish, polished face.

Weight, lbs.	6	8	10	12
Each	\$1.80	2.00	2.30	2.70



No. 325—Double Face

Forged steel, black finish, polished face.

Wt., lbs.	6	8	10	12	14
Each	\$1.60	1.80	2.10	2.70	2.90

STONE SLEDGES



No. 337—Oval Face, Sharp Pein

Forged steel, black finish, polished face.

Weight, lbs.	10	12	14
Each	\$2.30	2.70	3.10

STRIKING HAMMERS



No. 228—Short Pattern

Forged steel, black finish, polished faces.

Weight, lbs.	4	6	7	8
Each	\$1.20	1.50	1.60	1.70
Weight, lbs.	10	12		
Each	\$2.00	2.40		

WOOD CHOPPERS' MAULS



No. 246—Oval Eye

Forged steel, black finish, polished face.

Weight, lbs.	6	7	8
Each	\$1.80	2.00	2.10
Weight, lbs.	9	10	
Each	\$2.80	2.90	



No. 249—Axe Eye

Forged steel, black finish, polished face.

Weight, lbs.	6	7	8
Each	\$1.80	2.00	2.10
Weight, lbs.	9	10	
Each	\$2.80	2.90	

All above, open stock.

WOOD CHOPPERS' WEDGES



No. 394—Truckee Pattern

Forged steel, black finish, polished face.

Weight, lbs. ...	3	3½	4	4½
Each	\$0.62	.64	.68	.80

Weight, lbs.	5	6	7	8
Each	\$0.84	.98	1.20	1.30

COAL WEDGES



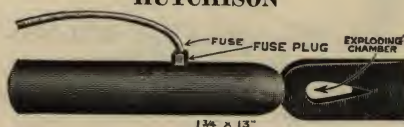
No. 372—Standard Pattern

Forged steel, black finish, polished face.

Weight, lbs.	1½	2	2½
Each	\$0.40	.42	.46

All above, open stock.

EXPLODING WEDGES HUTCHISON



Saves Time and Labor

Consists of wedge and exploding chamber with fuse plug. Used with regular blasting powder. Black enameled wedge, red enameled chamber. Complete directions with each wedge.

Each

Hutchison—13x1¼ in. exploding chamber; wt. each 5 lbs.....\$7.00

Six in a carton.

HANDLE WEDGES

GRADY



Non-Rusting Metal

Non-corrosive; tremendous holding qualities on account of hook corrugations.

Per card

No. 5—7/8 in. wide; 3 dozen on display card, wt. per card 2¼ lbs. \$1.20

No. 10—7/8 in. wide; 2 dozen on display card, wt. per card 3¾ lbs. 1.20

Combination—3 dozen No. 5 and 2 dozen No. 10 on a display card, wt. per card 6 lbs. 2.50

BLACKSMITHS' CHISELS



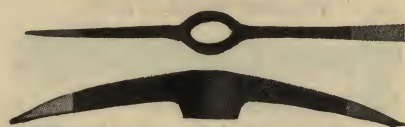
No. 5—Regular Pattern

Forged steel, black finish.

Weight, lbs.	1½	2	2½	3
Each	\$1.20	1.40	1.60	1.90

Open stock.

RAILROAD PICKS



No. 296—Standard Pattern

Forged steel, black finish, polished ends.

Weight, lbs.	6	7	8
Per dozen	\$15.50	16.20	17.00

Two dozen in a box.

COAL PICKS



No. 268—Short Ear Mining

Forged steel, black finish.

Weight, lbs.	1½	1¾	2	2½	3
Per dozen ..	\$8.70	8.70	8.70	9.30	10.00

Two dozen in a box.



No. 269—Short Ear Cutting

Forged steel, black finish.

Weight, lbs.	1½	1¾	2
Per dozen	\$8.70	8.70	8.70

Weight, lbs.	2½	3	3½
Per dozen	\$9.30	10.00	10.50

Two dozen in a box.

MATTOCKS



Long Cutter, Adze Eye

Forged steel, black finish, polished bevel.

Per dozen

No. 424—Weight 6 lbs.\$18.00

Two dozen in a box.

GRUB HOES



No. 440—Western Pattern

Forged steel, black finish, polished bit.

Size	0	1	2
Weight, lbs. ...	3	3½	4
Blade, in.	3½	3¾	4
Per dozen	\$14.70	16.20	17.30

Two dozen in a box.

HAZEL HOES



Grub Hoe Eye

Forged steel, black finish, polished bit.

Per dozen

No. 438—6 in. blade; weight each

5 lbs.\$25.00

Two dozen in a box.

WRECKING BARS



Goose Neck Pattern

Octagon tool steel, polished point and claw, oil finish, formed claw, sharpened point.

Nos.	0	1	2
Size, in.	$\frac{1}{2}$ x12	$\frac{5}{8}$ x18	$\frac{3}{4}$ x24
Wt. dozen, lbs.	9	25	42
Per dozen	\$1.90	3.20	4.50
Nos.	3	3 $\frac{1}{2}$	
Size, in.	$\frac{3}{4}$ x30	$\frac{3}{4}$ x36	
Wt. dozen, lbs.	54	62	
Per dozen	\$5.70	6.60	

Open stock.

CROW BARS

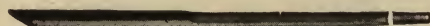


No. 74—Wedge Point

Forged steel; black finish.

Weight, lbs.	12	14	16
Square, in.	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{4}$
Length, ft.	4 $\frac{1}{8}$	4 $\frac{1}{2}$	4 $\frac{3}{8}$
Each	\$1.80	2.00	2.40
Weight, lbs.	18	20	24
Square, in.	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{3}{8}$
Length, ft.	5	5 $\frac{1}{2}$	5 $\frac{1}{2}$
Each	\$2.70	3.10	3.30

Open stock.



No. 75—Pinch Point

Forged steel; black finish.

Weight, lbs.	12	14	16
Square, in.	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{4}$
Length, ft.	4 $\frac{1}{8}$	4 $\frac{1}{2}$	4 $\frac{3}{8}$
Each	\$1.80	2.00	2.40
Weight, lbs.	18	20	24
Square, in.	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{3}{8}$
Length, ft.	5	5 $\frac{1}{2}$	5 $\frac{1}{2}$
Each	\$2.70	3.10	3.30

Open stock.

CANT HOOKS



Malleable Clasp

Duck bill, high carbon steel hook, extension toe ring.

No. 403—4 $\frac{1}{2}$ ft. by 2 $\frac{1}{2}$ in. selected maple handle; wt. per dozen 95 lbs.\$50.00

FILE HANDLES STANDARD PATTERN



Soft wood, wax finish, seamless steel ferrule.

No. 630—Assorted 4 to 4 $\frac{3}{4}$ in. long; weight per dozen 1 $\frac{1}{2}$ lbs.\$0.60

Three dozen in a box.

FILE HANDLES DISSTON STRONGHOLD



Coiled Spring—Steel Ferrule

File can be removed and replaced easily without injury to handle which may be used repeatedly. The spring-steel ferrule holds tang of file tightly and prevents slipping.

Smooth finish, selected wood, comfortable shaped grip.

Nos.	2	3	4
Length, in.	4 $\frac{3}{4}$	4 $\frac{5}{8}$	5 $\frac{1}{8}$
For files, in.	3 to 10	10 to 12	14
Wt. doz., lbs.	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2
Per dozen	\$1.30	1.45	1.80

CHISEL HANDLES

SOCKET FIRMER



Polished hickory, leather head.

Per dozen

No. 616—Assorted regular, for $\frac{1}{8}$ to 1 $\frac{1}{4}$ in. chisels	\$1.50
No. 617—Assorted large, for $\frac{3}{8}$ to 2 in. chisels	1.70
Weight per dozen 2 pounds.	

SOCKET FIRMER BUTT



Polished hickory, leather tip.

Per dozen

No. 618—Assorted regular, for $\frac{1}{8}$ to 1 $\frac{1}{4}$ in. chisels	\$1.50
No. 619—Assorted large, for $\frac{1}{2}$ to 2 in. chisels	1.60
Weight per dozen 1 $\frac{1}{2}$ pounds.	

HAMMER HANDLES

ADZE EYE NAIL



Burlington Select

Choicest heavy all white straight grained hickory, free from all defects.

Nos.	BS12	BS13	BS14
Length, in.	12	13	14
Wt. dozen, lbs.	5	5 $\frac{1}{2}$	6
Per dozen	\$2.50	2.50	2.50

Special Enameled

Standard grade hickory.

Per dozen

No. G14—14 in. long; weight per dozen 6 lbs.	\$1.50
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RIVETING



Burlington Select

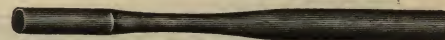
Choicest heavy all white straight grained hickory, free from all defects.

Nos.	BSR12	BSR13	BSR14
Length, in.	12	13	14
Wt. doz., lbs.	4	4 $\frac{1}{4}$	4 $\frac{1}{2}$
Per dozen	\$2.50	2.50	2.50

Nos.	BSR15	BSR16
Length, in.	15	16
Wt. doz., lbs.	4 $\frac{3}{4}$	5
Per dozen	\$2.50	2.50

All above, one dozen in a box.

HAMMER HANDLES MACHINISTS'



Burlington Select

Choicest heavy all white, straight grained hickory, free from all defects.

Nos.	BSM16	BSM18
Length, in.	16	18
Wt. doz., lbs.	6	7
Per dozen	\$2.80	3.20

One dozen in a box.

HATCHET HANDLES REGULAR



Burlington Select

Choicest heavy all white, straight grained hickory, free from all defects.

Nos.	BSH13	BSH14
Length, in.	13	14
Wt. dozen, lbs.	6	6 $\frac{1}{2}$
Per dozen	\$2.50	2.50

Special Enameled

Standard grade hickory.

Per dozen

No. GH14—14 in. long; weight per dozen 6 $\frac{1}{2}$ lbs.	\$1.50
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One dozen in a box.

BROAD



Burlington Select

Choicest heavy all white, straight grained hickory, free from all defects.

Nos.	BSB16	BSB18
Length, in.	16	18
Wt. dozen, lbs.	8	9
Per dozen	\$3.00	3.50

One dozen in a box.

HUNTERS' OR BOY SCOUT AXE HANDLES



Burlington Select

Choicest heavy all white, straight grained hickory, free from all defects.

No. BSS16—16 in. long; weight per dozen 8 $\frac{1}{2}$ lbs.	\$3.20
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One dozen in a box.

BOYS' AXE HANDLES



Oval

Select grade hickory of good weight, live growth with same red tips. A very serviceable handle for the purpose.

Per dozen

No. 1—28 in. long; weight per dozen 16 lbs.	\$5.50
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One dozen in a carton.

For Many Years We Have Been Marketing Handles under the "Burlington Select" Brand. They Have Become a Standard of Value. This is a Brand with a Reputation.

HANDLES SINGLE BIT AXE



Burlington Select

Choicest heavy all white straight grained hickory, free from all defects.

No. BSSB—36 in. long Per dozen
.....\$9.50

Orchard City Special

White hickory, good weight and live growth.

No. OCSB—36 in. long Per dozen
.....\$8.00
No. OCSB—34 in. long 8.00

Special Enameled

Standard grade hickory.

No. SESB—36 in. long Per dozen
.....\$4.00

No. 1 Oak

No. 10SB—36 in. long Per dozen
.....\$4.00

Weight per dozen 25 pounds.
One dozen in a carton.

DOUBLE BIT AXE



Burlington Select

Choicest heavy all white straight grained hickory, free from all defects.

No. BSDB—36 in. long Per dozen
.....\$9.50

Orchard City Special

White hickory, good weight and live growth.

No. OCDB—36 in. long Per dozen
.....\$8.00
No. OCDB—34 in. long 8.00

Special Enameled

Standard grade hickory

No. SEDB—36 in. long Per dozen
.....\$4.00

No. 1 Oak

No. 10DB—36 in. long Per dozen
.....\$4.00

Weight per dozen 25 pounds.
One dozen in a carton.

CARPENTERS' ADZE



Burlington Select

Choicest heavy all white straight grained hickory, free from all defects.

No. BSA34—34 in. long; wt. per dozen 22 lbs..... Per dozen
.....\$9.60
One dozen in a carton.

SLEDGE



Burlington Select

Choicest heavy all white straight grained hickory, free from all defects.

No. BSS36—36 in. long Per dozen
.....\$7.00

No. 1 Grade

White hickory, good weight and live growth.

No. 1S36—36 in. long Per dozen
.....\$5.70

Special

Standard grade hickory.

No. SS36—36 in. long Per dozen
.....\$4.20

Weight per dozen 18 pounds.
One dozen in a carton.

HANDLES WOOD CHOPPERS' MAUL



Orchard City Special

White hickory, good weight and live growth.

No. OCAE—Axe eye, 36 in. long; wt. per dozen 22 lbs. Per dozen
.....\$6.50
One dozen in a carton.

POST MAUL



Orchard City Special

White hickory, good weight and live growth.

No. OC36—36 in. long Per dozen
.....\$6.50

No. 1 Hickory

No. 1HPM—36 in. long Per dozen
.....\$4.40

Weight per dozen 22 pounds.
One dozen in a carton.

RAILROAD PICK OR MATTOCK



No. 1 Grade

White hickory, good weight and live growth.

No. 1RRP—36 in. long Per dozen
.....\$10.00

No. 2 Grade

Standard grade hickory.

No. 2RRP—36 in. long Per dozen
.....\$7.30

Special

Hickory, very serviceable low priced handle.

No. SRRP—36 in. long Per dozen
.....\$4.50

Weight per dozen 25 pounds.
One dozen in a carton.

COAL PICK



No. 1 Grade

White hickory, good weight and live growth.

No. 1CP—34 in. long Per dozen
.....\$6.50

No. 2 Grade

Standard grade hickory.

No. 2CP—34 in. long Per dozen
.....\$4.80

Weight per dozen 20 pounds.
One dozen in a carton.

GRUB HOE



Orchard City

White hickory, good weight and live growth.

No. OCS36—36 in. long; wt. per dozen 28 lbs. Per dozen
.....\$8.50
One dozen in a carton.

CANT HOOK AND PEAVY



Maple

Made from straight grained, air seasoned stock, carefully turned to fit clasps and toe pieces.

No. 1137—4½ ft. long, 2½ in. diameter; weight per dozen
47 lbs. Per dozen
.....\$17.20

Open stock.

"Burlington Select" Brand Handles are Demanded by
Discriminating Buyers
They are a Standard of Value

HAND, RIP AND PANEL SAWS

KEYSTONE



No. K-1—Leader

A straight-back saw. Indeed it's a leader in the low priced field. Three screws.

	Hand
Length, in.	26
Points to inch	8
Weight per dozen, lbs.	21
Per dozen	\$13.90

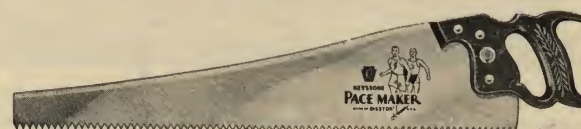


No. K-2—Speedster

A skew back saw. Natural finish, lacquered handle with comfortable grip. Four screws.

Length, in.	26
Points to inch	8
Weight per dozen, lbs.	21
Per dozen	\$16.00

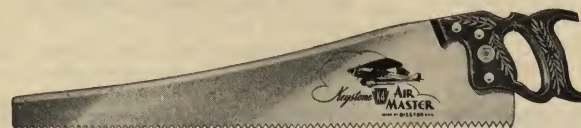
All above, one-half dozen in a box.



No. K-3—Pace Maker

A skew back pattern saw. Mahogany lacquered, weatherproof finished wood handle, carved on grip. Four nickel plated screws.

	Panel	Panel	Hand
Length, in.	20	24	26
Points to inch	10	9	7, 8
Wt. per dozen, lbs.	13	18	22
Per dozen	\$16.50	18.40	20.00



No. K-4—Air Master

A nicely finished skew-back pattern saw. Thin back, bevel filed teeth, mahogany color weatherproof finish full carved handle. Four nickel plated screws.

	Hand	Rip
Length, in.	26	26
Points to inch	8	5½
Weight per dozen, lbs.	22	22
Per dozen	\$24.00	24.00



No. K-5—Defender

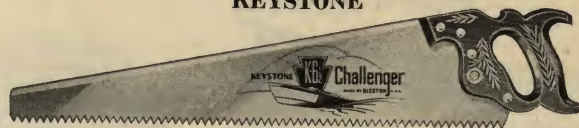
Finely made, extra high finish, skew-back, thin back, bevel filed teeth, gun metal weather-proof finish carved handle. Four nickel plated screws.

Length, in.	26
Points to inch	7, 8
Wt. per dozen, lbs.	22
Per dozen	\$28.00

All above, one-third dozen in a box.

HAND, RIP AND PANEL SAWS

KEYSTONE



No. K-6½—Challenger

Extra fine finish, taper ground, lightweight ship pattern, straight back, level filed teeth, mahogany color waterproof finish full carved hardwood handle. Five nickel plated screws.

	Hand	Rip
Length, in.	26	26
Points to inch	7, 8, 9	5½
Weight per dozen, lbs.	22	22
Per dozen	\$32.00	32.00

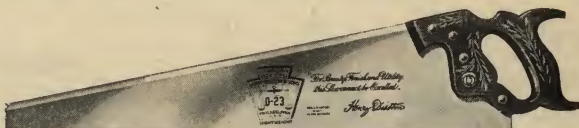
DISSTON



Lightweight Pattern, Straight Back

Disston steel blade, hardened and tempered, highly polished; striped back; true-taper ground; thin back; weather-proof finish; comfortable grip full carved applewood handle; nickel plated screws.

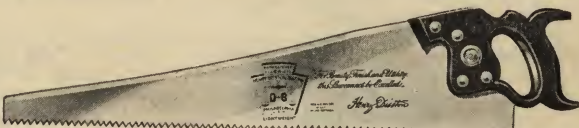
No. D12—Hand; 26 in. blade; 8 points to inch; wt. per dozen 22 lbs.	\$77.30
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No. D23—Lightweight Pattern, Straight Back

Disston steel blade, hardened and tempered, highly polished, striped back, weather-proof finish, carved applewood handle, brass screws. True taper ground.

	Hand	Rip
Length, in.	26	26
Points to inch	7, 8	5½
Weight per dozen, lbs.	22	22
Per dozen	\$56.80	56.80



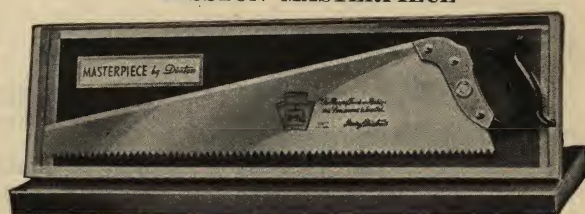
No. D8—Lightweight Pattern; Skew Back

Disston steel blade, hardened and tempered, highly polished, striped back, weather-proof finish applewood handle, brass screws. True taper ground.

	Panel	Panel	Hand	Rip
Length, in.	20	24	26	26
Points to inch	10	8, 9	7, 8, 9	5½
Wt. dozen, lbs.	14	20	21	21
Per dozen	\$46.50	51.30	51.30	51.30

All above, one-third dozen in a box.

DISSTON MASTERPIECE



Streamline Pattern, Straight Back

Disston steel blade, brilliant lustre finish, moulded Disstonite handle in colors, assembled with patented shield, chrome plated brass screws. Orange and black handles.

No. D95—Hand; 26 in. blade, 8 points to inch; wt. each 1¾ lbs.	\$96.00
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In silver and black individual display box.

PLUMBERS' SAWS

DISSTON



For Sawing Metal, Adjustable Handle

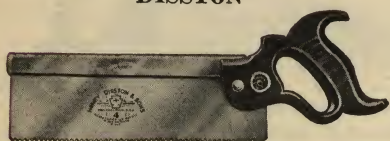
Highly tempered steel blade, carved and polished cherrywood handle. Metal adjusting lever. The handle is adjustable to various positions.

No. 10—20 in. blade; weight per dozen 13 lbs. \$40.00

One-third dozen in a box.

BACK SAWS

DISSTON



No. 4—Heavy Back

Disston steel blade; hardened and tempered; carefully filed sharp teeth; weather-proof finish beechwood handle, brass screws.

Length blade, in. 12 14
Wt. per dozen, lbs. 18 22
Per dozen \$46.70 51.90

One-third dozen in a box.

MITRE BOX SAWS

DISSTON



No. 4—Heavy Back

Disston steel blade; hardened and tempered; carefully filed sharp teeth; weather-proof finish beechwood handle, brass screws, width of blade 4 inches under back to 26 in. All lengths 11 points to inch.

The 28 in. is 5 in. under back.

Length blade, in. 20 22 24
Wt. per dozen, lbs. 36¾ 40½ 45¾
Per dozen \$80.00 85.90 92.90

Length blade, in. 26 28
Wt. per dozen, lbs. 48 57½
Per dozen \$99.90 116.40

One in a box.

COMPASS SAWS

DISSTON



Disston steel blade, taper ground, beechwood handle, cluster bolt and wing nut adjustment.

No. 4—14 in. blade; weight per dozen 7½ lbs. \$13.30

One-quarter dozen in a box.

COMPASS SAWS

DISSTON



No. 2—Disston steel blade; polished; hardened and tempered, special shaped teeth, 8 points to inch; weather-proof finish applewood handle, two brass screws.

Length blade, in. 12 14
Weight per dozen, lbs. 5¾ 6¼
Per dozen \$12.90 13.60

One-half dozen in a box.



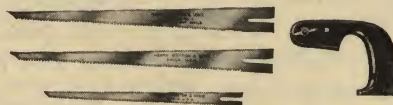
No. 402—Hardened and tempered special steel blade, 8 points to inch. Varnished and carved hardwood handle.

Length, in. 12 14
Wt. per dozen, lbs. 5 6
Per dozen \$5.30 5.30

One-half dozen in a box.

NESTS OF SAWS

DISSTON



With Interchangeable Blades

Disston steel blades; taper ground, hardened and tempered; beechwood handle; cluster bolt and wing nut adjustment.

No. 7 Nest—With 10 in. keyhole blade, 14 in. nail cutting blade; 14 in. compass blade and handle; wt. per dozen nests 9 lbs. \$28.50
Nail Cutting Blades—14 in. Dozen 10.00
Compass Blades—14 in. Dozen 7.30
Keyhole Blades—10 in. Dozen 5.20
Handles Dozen 6.00

One-quarter dozen nests in a box.

KEYHOLE SAWS AND PADS

DISSTON



Adjustable Blade

Disston steel blade; hardened and tempered; cadmium plated malleable iron handle or pad.

No. 5—7 in. blade, 4¼ in. pad; wt. per dozen 2½ lbs. \$7.10
Extra Blades 4.00

One dozen in a box.

PRUNING SAWS

DISSTON

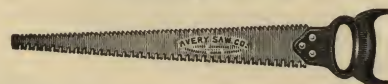


Disston steel blade, taper ground; weather-proof hardwood handle, three brass screws.

No. 7—18 in. blade; weight per dozen 10 lbs. \$21.30

One-third dozen in a box.

AVERY DUPLEX



Polished special steel blade; weather-proof finished hardwood handle, three rivets.

One side of blade has 8 point teeth, other side has "Lightning" style teeth.

No. 40—18 in. blade; weight per dozen 10 lbs. \$17.90

One-third dozen in a box.

COPING SAWS

ATKINS



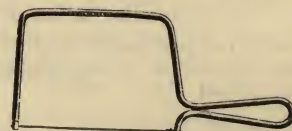
Cold rolled steel frame, nicked and buffed, malleable iron ferrule, carved, hardwood handle, varnished, blade is adjusted by cap screws.

No. 50—Frame 7¼ in. long by 4¾ in. deep, back ¾ in. wide by 1½ in. thick, complete with blade; weight per dozen 7 lbs. \$11.10

No. 50-B—Extra Blades; pinned, 16 points to the inch.25

Saws, one-sixth dozen in a box; blades, one dozen wired, one gross in a box.

WIRE FRAME



Nickel Plated Steel Wire Frame Slotted so that blade can be set at right angles. Bent end blades.

No. 100—4 in. deep; complete with one dozen 6 in. blades; weight per dozen 4½ lbs. \$3.20

One-half dozen in a box.

EXTRA BLADES FOR No. 100 COPING SAWS



Blued Steel, Tempered and Sharpened, Bent Ends

No. 100B—6 in. long; weight per gross 4 ozs. \$0.15

One dozen in a bundle, one gross in a box.

CROSS CUT SAWS

KUT-WELL



Perforated Teeth

High grade spring steel, hard yet tough temper, teeth and rakers sharpened, set and filed. Four cutting teeth to each raker 14x18 gauge.

Nos.	335½	336
Length, ft.	5½	6
Width at center, in.	6¾	6½
Width at ends, in.	3	3
Weight each, lbs.	6½	7
Each, without handles	\$5.80	6.30

KUT-WELL NARROW



Champion Teeth

High grade spring steel, hard yet tough temper, teeth and rakers sharpened, set and filed, 14 gauge. 3½ in. wide.

Nos.	775	775½	776
Length, ft.	5	5½	6
Weight each, lbs.	3½	4	4½
Each, without handles	\$3.00	3.20	3.50



Perforated Teeth

High grade spring steel, hard yet tough temper, teeth and rakers sharpened, set and filed, 14 gauge. 3¾ in. wide.

Nos.	995	995½	996
Length, ft.	5	5½	6
Weight each, lbs.	3½	4	4½
Each, without handles	\$3.60	3.85	4.20

DISSTON



No. 254—Champion Teeth

Disston steel blade, 3¼ in. wide, 14 gauge.

Length, ft.	5½	6
Weight each, lbs.	4	4½
Each, without handles	\$4.50	4.90

ONE MAN CROSS CUT SAWS

KUT-WELL

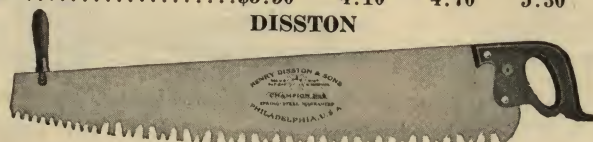


Champion Teeth

High grade spring steel, hard yet tough temper, teeth and rakers sharpened, beechwood handle, brass screws, beechwood supplementary handle.

Nos.	33	33½	34	34½	35
Length, ft.	3	3½	4	4½	5
Weight each, lbs.	3¼	4	4½	5	5½
Each	\$3.50	4.10	4.70	5.30	5.85

DISSTON



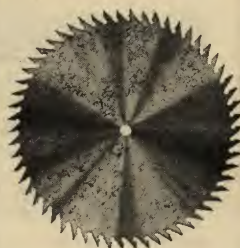
No. 554—Champion Teeth

Disston steel blade, hardwood handle, brass screws, supplementary handle.

Length, ft.	3	3½	4	4½
Weight each, lbs.	3¼	4	4½	5½
Each	\$4.50	5.30	5.90	6.60

CORD WOOD SAWS

KUT-WELL



High grade crucible steel, uniform temper and exact tension. The teeth will hold their edge and the corners will not crumble.

Each saw is guaranteed free from defects and to be of the proper temper.

Diameter, in.	26	28	30	32
Thickness, gauge	11	10	10	10
Size of hole, in.	1¾	1¾	1¾	1¾
Weight each, lbs.	17	20	23	27
Each	\$7.20	8.40	9.60	11.00

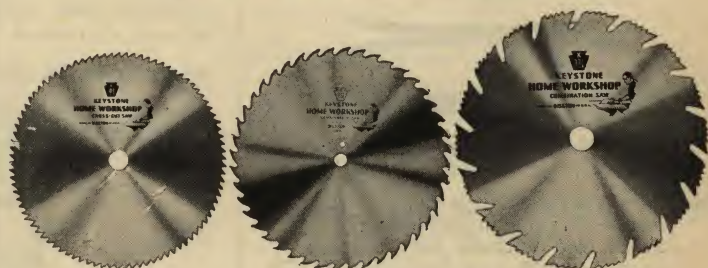
CIRCULAR SAWS

DISSTON

Diameter, in.	26	28	30	32
Thickness, gauge ..	11	10	10	10
Size of hole, in.	1¾, 1¾	1¾, 1¾	1¾, 1¾	1¾, 1¾
Weight each, lbs.	16¾	20	23	27
List each	\$24.00	28.00	32.00	36.50

Discount furnished on application.

KEYSTONE HOME WORKSHOP



No. K41

No. K121

No. K321

For Wood

Made in three types of flat ground—a cross-cut, a rip and a combination. Made of special saw steel in a polished, bright finish.

No. K41—Cross-cut

Diameter, in.	6	7	8	10
Gauge, No.	18	18	18	16
Center hole, in.	½	½	½, ⅝, ¾	⅝, ¾
Weight each, ozs. ..	8	11	14	26
Each	\$1.60	1.90	2.10	2.70

Nos. K121 and K111 Rip

Nos.	K121	K121	K121	K111
Diameter, in.	6	7	8	10
Gauge, No.	18	18	18	16
Center hole, in.	½	½	½, ⅝, ¾	⅝, ¾
Weight each, ozs.	8	11	14	26
Each	\$1.60	1.90	2.10	2.70

No. K321—Combination

Diameter, in.	6	7	8	10
Gauge, No.	18	18	18	16
Center hole, in.	½	½	½, ⅝, ¾	⅝, ¾
Weight each, ozs. ..	8	11	14	26
Each	\$1.60	1.90	2.10	2.70

(Be sure to specify number desired as well as diameter and size of center hole.)

Bushings for Home Workshop Saws

¾ to ⅝ in.—16 gauge	Each \$0.15
⅝ to ½ in.—18 gauge .....	.15

WOOD SAWS

DISSTON'S

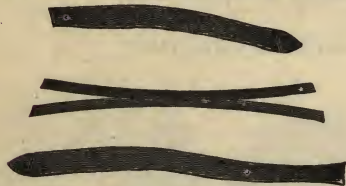


Plain Tooth

Straight breasted bright spring steel blade, double braced seasoned hardwood frame, clipper rod, frame painted red and varnished.

No. 3150—30x1 $\frac{3}{4}$ in. blade, 4 $\frac{1}{2}$ points to the inch; weight per dozen 49 lbs.\$15.90
One-half dozen in a box.

WOOD SAW FRAMES



Double Brace, Painted Bright Red

No. 300—Thoroughly seasoned hardwood; for 30 in. blade and 22 in. rod without rod; average wt. per doz. 40 lbs.\$11.10

EXTRA PARTS

No. 300S—Short end piece; average weight per dozen 12 lbs.\$3.60
No. 300L—Long end piece; average weight per dozen 16 lbs. 3.90
No. 300C—Center piece; average weight per dozen 12 lbs. 4.20
Open stock.

SAW RODS

CLIPPER



No. 22C—22 in. long; plain steel $\frac{1}{4}$ in. wire; riveted loops; strong square cut threads; iron turnbuckle; average weight per dozen 5 lbs.\$3.30
One dozen in a package.

JUMBO



No. 22J—22 in. long; $\frac{3}{8}$ in. tinned heavy steel wire; riveted loops; strong square cut threads; heavy iron turnbuckle; average weight per dozen 8 lbs.\$4.70
One dozen in a package.

WOOD SAW BLADES

JACKSON



Plain Tooth, Straight Breast

Special steel, bright finish, set and sharpened.

No. 4—30 in. long, 1 $\frac{3}{4}$ in. wide, 4 $\frac{1}{2}$ points; weight per dozen 5 $\frac{1}{2}$ lbs.\$6.00
One dozen in a bundle.

DISSTON



"Lumberman" Tooth, Straight Breast

Disston steel, bright finish, set and sharpened, thin back.

No. 77—30 in. long, 2 in. wide, wt. per dozen 6 lbs.\$11.60
One dozen in a bundle.

Champion Tooth, Straight Breast

Disston steel, bright finish, thin back, set and sharpened.

No. 16—30 in. long, 2 in. wide; wt. per dozen 6 lbs.\$11.30
One dozen in a bundle.

SAW BUCKS

DISSTON



Hardwood, air seasoned, natural finish, malleable iron castings on side of center brace, 10x2 inch revolving center brace.

No. 3—Legs 30 $\frac{1}{2}$ in. long, 2 in. wide, $\frac{7}{8}$ in. thick, 14 in. between legs, height from ground to center brace 15 $\frac{1}{2}$ in.; wt. per dozen 140 lbs.\$18.50
One-half dozen in a box.

DEHORNING SAWS

DISSTON

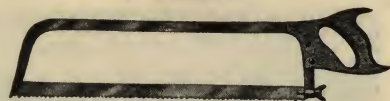
Japanned Malleable Iron Frame
Beechwood handle.

High grade crucible steel blade, hardened and tempered; tightened by thumb screw.

No. 6—10x $\frac{1}{4}$ in. blade; wt. per dozen 14 lbs.\$18.20
Extra Blades—For above 3.20
One-half dozen in a box.

BUTCHER SAWS

ATKINS



No. 77—Flat Back Frame, Square Edge

Special steel blade; beechwood handle; varnished edges; three nicked screws; frame $\frac{3}{4}$ x $\frac{1}{4}$ in.; blades $\frac{3}{4}$ in. wide.

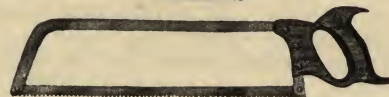
Length blade, in. 18 20
Weight per dozen, lbs. 24 $\frac{3}{4}$ 27
Per dozen\$22.40 23.70

Length blade, in. 22 24
Weight per dozen, lbs. 29 $\frac{1}{4}$ 31 $\frac{1}{2}$
Per dozen\$25.10 26.40

One-third dozen in a box.

KITCHEN SAWS

ATKINS



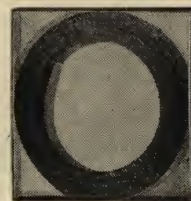
No. 8—Flat Steel Back

$\frac{5}{8}$ in. polished steel blade; beechwood handle.

Length blade, in. 14 16
Weight per dozen, lbs. 12 $\frac{1}{4}$ 13 $\frac{1}{2}$
Per dozen\$10.80 11.30

One-half dozen in a box.

BUTCHER SAW BLADES



In Coils

Finest quality spring steel, tempered, ground, and polished, teeth filed, set and refiled after setting and are ready for immediate use.

Nos. 251 252
Ft. in coil 25 25
Width, in. $\frac{5}{8}$ $\frac{3}{4}$
Teeth per inch 11 11
Wt. coil, lbs. 1 $\frac{1}{4}$ 1 $\frac{3}{4}$
Per coil\$3.30 3.85

One coil in a box.

SAW BLADE PUNCHES

MIDGET



Malleable Iron Frame, Japanned

Steel punch and die. For punching holes in blades not heavier than 22 ga.

No. 2—5 $\frac{1}{2}$ in. long, punches $\frac{1}{8}$ in. hole; wt. each $\frac{1}{2}$ lb.\$16.00
One in a box.

HACK SAW FRAMES CRESCENT

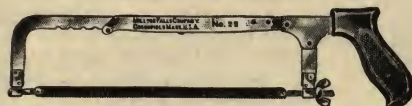


Steel frame, adjustable style, handle made of heavy steel, pistol grip style and is securely riveted to frame.

Both frame and handle are nickel plated.

No. 1046—Takes 8 to 12 in. blades, frame $\frac{1}{8}$ in. wide, $2\frac{1}{2}$ in. deep; weight per dozen 10 lbs. \$16.10
One in a box.

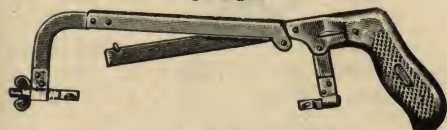
MILLERS FALLS



Nickel plated adjustable steel frame, black composition pistol grip handle, blade can be faced four ways, equipped with 10 in. blade.

No. 99—Takes 8 to 12 in. blades, frame $\frac{1}{8}$ in. wide, $2\frac{1}{2}$ in. deep; weight per dozen 13½ lbs. \$10.80
Two in a box.

UNION



Adjustable steel frame nickel plated, corrugated steel pistol grip handle with dull nickel finish, wing nut adjustment for tightening blade.

No. 2115—Adjustable 8 to 12 in., frame $\frac{5}{8}$ in. wide, $2\frac{1}{2}$ in. deep, without blade; wt. per doz. 12¾ lbs. \$8.00
One in a box.



Adjustable frame, nickel plated; wing nut adjustment; stained mahogany wood handle.

No. 2100—Takes 8 to 12 in. blade; $2\frac{1}{2}$ in. depth of frame; $\frac{5}{8}$ in. width of steel; without blade; weight per dozen 11 lbs. \$4.30
One in a box.

HACK SAWS GOODELL-PRATT KEYHOLE



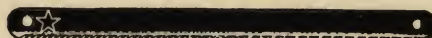
Red and black enameled handle, 18 tooth flexible back blade.

No. 237—9½ in. long over all, 5½ in. cutting edge; wt. per dozen 4 lbs. \$4.20

One on a card, one-half dozen in a box.

Extra Blades \$1.90

HACK SAW BLADES



STAR Flexible, for Hand Frames

For electricians, plumbers, garagemen, metal workers, etc., cutting thin and soft materials.

14 Teeth to Inch—.025 or 23 gauge thick.

Nos.	814F	1014F	1214F
Inches	8x $\frac{7}{8}$	10x $\frac{1}{2}$	12x $\frac{1}{2}$
Per gross	\$8.64	9.70	13.00

18 Teeth to Inch—.025 or 23 gauge thick.

Nos.	818F	1018F	1218F
Inches	8x $\frac{7}{8}$	10x $\frac{1}{2}$	12x $\frac{1}{2}$
Wt. gross, lbs.	4	5	6½
Per gross	\$8.64	9.70	13.00

24 Teeth to Inch—.025 or 23 gauge thick

Nos.	824F	1024F	1224F
Inches	8x $\frac{7}{8}$	10x $\frac{1}{2}$	12x $\frac{1}{2}$
Per gross	\$8.64	9.70	13.00

32 Teeth to Inch—.025 or 23 gauge thick

Nos.	832F	1032F	1232F
Inches	8x $\frac{7}{8}$	10x $\frac{1}{2}$	12x $\frac{1}{2}$
Per gross	\$8.64	9.70	13.00

STAR MOLYBDENUM HEAVY DUTY



All Hard, for Hand Frames

Note—When ordering give number and add the word "Moly" to distinguish from regular tungsten blades.

18 Teeth to Inch—.025 or 23 gauge thick

Nos.	1018	1218
Inches	10x $\frac{1}{2}$	12x $\frac{1}{2}$
Wt. gross, lbs.	5	6½
Per gross	\$43.20	51.85

24 Teeth to Inch—.025 or 23 gauge thick

Nos.	1024	1224
Inches	10x $\frac{1}{2}$	12x $\frac{1}{2}$
Per gross	\$43.20	51.85

32 Teeth to Inch—.025 or 23 gauge thick

Nos.	1032	1232
Inches	10x $\frac{1}{2}$	12x $\frac{1}{2}$
Per gross	\$43.20	51.85

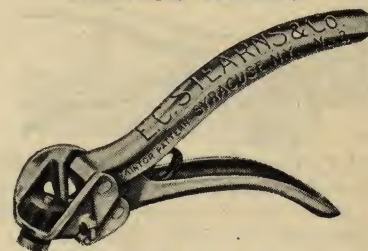
All above, one-half gross in a box.

HACK SAW BLADE ASSORTMENTS



No. 45—Card contains 1 No. 1018F, and 2 No. 1024F Flexible hack saw blades \$2.70

SAW SETS TAINTOR PATTERN

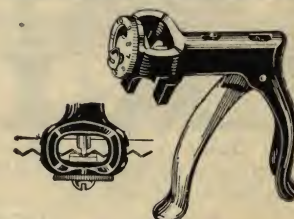


For Hand Saws

Solid tool steel anvil, with ten sides and faces for fine, medium and coarse teeth saws. Stamped steel, nickel plated.

No. 2—6 in. long; weight per dozen 7 lbs. \$20.00
One-half dozen in a box.

DEFIANCE; PISTOL GRIP

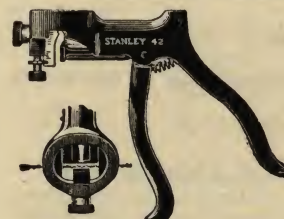


For Hand Saws

High grade tool steel plunger and anvil; red and green lacquer finish; pistol grip pattern. With direct reading adjusting wheel. The graduated wheel shows correct anvil setting for 5 to 11 point saws. Saw teeth in plain view.

No. 432—Weight each 1 lb. \$16.20
One in a box.

STANLEY PISTOL GRIP



For Hand Saws

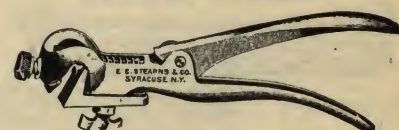
Permits a natural position, the saw is held in firmly against the gauge while tooth is being set.

Teeth always in plain view. Graduated anvil, any adjustment readily duplicated.

No. 42—Tool steel plunger and anvil, hardened and tempered, machine parts, black finish, wt. each 1 lb. \$32.40

No. 43—For Cross Cut Saws; wt. each 1½ lbs. 72.00
One in a box.

MORRILL PATTERN



For Hand Saws

Also band and jig saws from the widest made down to ½ inch. Lever on top.

Cast steel, mill finish, hardened anvil and plunger, tempered steel springs.

No. 0—6½ in. long; wt. per dozen 7 lbs. \$7.10
One-half dozen in a box.

CROSS CUT SAW SETS STEARN'S



Morrill Pattern, Malleable Iron, Polished,
Hardened Steel Anvil

Per dozen
No. 204—9½ in. long, for "M"
Champion or other double tooth
cross cut saws, wt. per dozen
21 lbs.\$22.60
One-half dozen in a box.

CROSS CUT SAW TOOLS ATKINS COMPETITIVE



Cast iron frame, equipped with short
tooth set gauge and set block. Can be
used as a jointer and side file.

Per dozen
No. 3—Wt. per dozen 14 lbs.\$6.10
One set in a box.

SAW CLAMPS OR VISES

Stationary Style

Designed to fasten to
bench with screws.

Cast iron, japanned fin-
ish.

Per dozen
No. 0—9½ in. jaws,
height 8 in.; wt.
per doz. 35 lbs. \$13.20

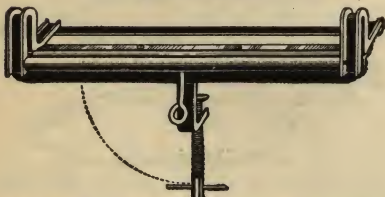
Open stock.

To Clamp to Bench

Malleable iron, japanned,
adjustable to swing for-
ward and locked by lever.

Per dozen
No. 3—9½ in. plain
faced jaws; ht.
above bench 10
in.; length over
all 14½ in.; wt.
per doz. 50 lbs. \$20.00
Open stock.

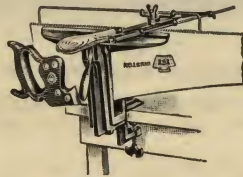
ALL-STEEL



Japanned finish, nickel plated eccentric
roll.

Per dozen
No. 57—10½ in. jaws; weight each
2 lbs.\$12.00
One in a box.

SAW FILING GUIDES DISSTON



Malleable Iron Frame

Japanned, bright steel rods, hardwood
file handle.

Each
No. D3—12½ in. jaws, 16 in. guide
frame, complete with file wt.
each 11 lbs.\$9.70

One in a box.

CROSS CUT SAW HANDLES LOOP PATTERN



Loop of extra strong high
tensile strength steel, spot elec-
tric welded. Malleable iron
nuts, best hardwood stock,
black japanned finish.

Per pair
No. 8—10 in. long irrespective of
loop, wt. per 100 pairs 200 lbs. \$1.00



Selected hardwood stock,
cast steel socket and washer,
loop of high tensile strength
cold drawn steel, spot electric
welded.

Per pair
No. 10—9½ in. long irrespective of
loops wt. per 100 pairs 120 lbs. \$0.75

CLIMAX PATTERN

Reversible

Cast iron face plate
and washer, high grade
malleable bolt with lock
rivet feature, preventing
rivet from becoming de-
tached. Easily adjusted.



Per pair
No. 11—14 in. long, wt. per 100 pairs
170 lbs.\$0.75

ONE MAN SAW HANDLES DISSTON



Beechwood, var-
nished edges, slit
only, not bored.

Per dozen
No. 418—Wt. per dozen 7 lbs.\$5.30
One-half dozen in a box.

DISSTON ONE MAN SUPPLEMENTARY



Thoroughly seasoned air dried
hardwood stock, heavy steel fer-
rule, bolt held in handle with lock-
nut.

Per dozen
No. 118—4¾ in. long, 1½ in.
diam. at thickest part;
wt. per doz. 4 lbs.\$4.40
One dozen in a box.

HAND SAW HANDLES STANDARD



Will Fit Any
Ordinary
Hand Saw

Beechwood,
varnished ed-
ges, slit only,
not bored.

Per dozen
No. 66—For 26 in. saws; wt. per
dozen 6½ lbs.\$6.10

One dozen in a box.

DISSTON



Applewood
bored and slit
without screws.
For D8 Dis-
ston hand or rip
saw.

Per dozen
No. D8H—For hand saw\$16.10
No. D8R—For rip saws 18.40

Weight per dozen 7¼ pounds.

One dozen in a box.

SAW SCREWS



Nos. 1 and 2



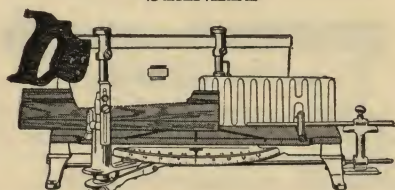
Nos. 3 and 4

Wrought Brass, Polished

Per dozen
No. 1—Small round head; ⅞ in.
long ⅞ in. oval face\$0.42
No. 2—Large round head; 1 in. long;
½ in. oval face44
No. 3—Small eagle head; ⅞ in.
long ⅞ in. face84
No. 4—Large eagle head; 1½ in.
long 1½ in. face94
Weight per dozen 4 to 7 ounces.
One dozen in a box.

MITRE BOXES

STANLEY



Swivel and Uprights One-Piece Malleable Iron; Double Locking Swivel

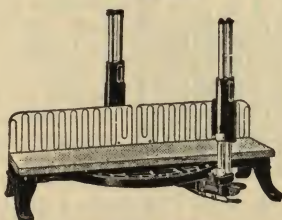
Extremely simple, accurate and practically unbreakable malleable iron construction. Base, legs and swivel are light blue finish, aluminum color back, bright orange board.

Roller bearing saw guide with automatic catches. Automatic swivel lever and lift screw. Quadrant graduated in degrees and indexed for 3 to 24 sided figures.

Complete with first quality back saw

Nos.	2244	2358
Back saw, in.	24x4	28x5
Cap. right angle, in.	8 1/4	9 1/2
Cap., mitre	5 1/2	6 1/2
Wt. each, lbs.	33	44
Each	\$34.20	39.20

VICTOR



Without Saw

Back frame, indexed quadrant and swivel arm bearing made in one piece. Swivel arm may be locked at any angle. Movable stops.

Black japanned cast iron frame; malleable iron legs; steel guide rods.

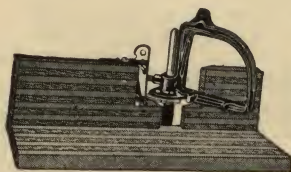
Each

No. 50 1/2—Capacity at right angle 7 1/4 in.; capacity at mitre 45°, 4 3/4 in.; wt. each 20 lbs.	\$16.00
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No. 60 1/2—Same as No. 50 1/2, but with 20x4 in. mitre box saw; wt. each 25 lbs.	24.10
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STANLEY, WOOD FRAME

Without
Saw



Laminated hardwood frame. Steel index plate, index lever and center point.

Either a back or panel saw can be used. The saw guides can be set at an angle of 9, 22 1/2, 30, 36, 45 and 90 degrees.

Each

No. 115—15 in. long; wt. each 7 lbs.	\$5.30
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For cutting to exact depths a back saw is used. The saw back rests on a shoulder in the saw guide. This guide when adjusted determines the depth of cut.

All above, one in a box.

CLAMPS

STANDARD CARRIAGE MAKERS'



No. 540—Special analysis malleable iron frame tested to working load; heavily reinforced; hardened steel screw with Acme thread, ball and socket tip.

Opening, in.	3	4	6
Depth, in.	1 1/8	2 1/8	2 3/4
Wt. doz., lbs.	13	22	30
Pkd. dozen in box... 1/2	1/2	1/2	1/2
Per dozen	\$7.20	8.65	13.00

Opening, in.	8	10
Depth, in.	3 1/4	3 5/8
Wt. dozen, lbs.	48	60
Pkd. dozen in box..... Bulk	Bulk	Bulk
Per dozen	\$20.20	25.90

QUILT FRAME CLAMPS



Malleable Iron, Japanned

Ball and socket head on screw.

Nos.	32	33
Opens, in.	1 1/8	2 1/4
Wt. dozen, lbs.	4	5
Per dozen	\$1.50	1.80

No. 32, one dozen; No. 33, two dozen in a box.

BAR CLAMPS

IMPROVED "T" BAR



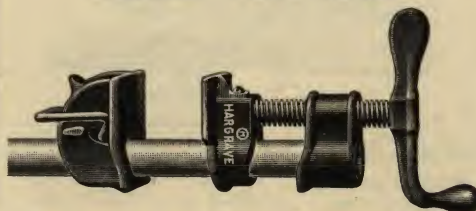
No. 640—High carbon manganese steel bar; hardened steel screw with deep cut Acme thread; extra large bearings; case hardened thrust bearings; best malleable iron crank frame, tip and slide; wood handle with heavy steel ferrule and cap.

1 1/2 x 5/8 x 1/8 in. bar, 2 x 1 1/8 in. clamping surface; 5/8 in. diam. screw; notches spaced 1/2 in. apart.

Opening, ft.	3	4	5
Wt. pair, lbs.	17	20	23
Per pair	\$7.00	7.80	8.70

Open stock.

CLAMP FIXTURES



Malleable iron, used with any length of 3/4 in. pipe.

No. 610—Fixtures only, (without pipe); wt. doz. sets 39 lbs.\$24.00
Two sets in a box.

CLAMP FIXTURES

HARGRAVE



Without Bar

Malleable iron, steel screw. Quickly and easily attached to any length wooden bar.

Per dozen sets

No. 615-18 1/2—Will fit 2 1/4 x 1 1/8 in. bar; weight per set 2 1/2 lbs. ...\$18.00
A set consists of head and tail piece.

HAND SCREWS

HARGRAVE, STEEL SPINDLE



Strong, durable, and satisfactory. Properly seasoned and oiled selected maple jaws; cold drawn steel spindles with deep cut Acme thread; hardened steel bearings; fluted handles giving good grip.

Nos.	708	710	712	714
Lgth. jaws, in.	8	10	12	14
Opening, in.	4 1/2	6	8 1/2	10
Wt. doz., lbs.	23	30	50	58
Per dozen ..	\$22.40	25.60	28.80	32.00

BENCH SCREWS

IRON



Wrought Steel Screw

Movable collar; good quality hardwood handle, with removable knob; black japanned finish.

Nos.	40	41	42	43
Dia. sc'w, in.	1	1 1/8	1 1/4	1 1/2
Lgth., in.	13	13	13	15
Wt. doz., lbs.	65	80	90	125
Per dozen ..	\$14.90	16.70	19.30	26.60

Nos. 40 to 42, one dozen; No. 43, one-half dozen in a box.

BENCH STOPS

STEARN'S



Adjustable
and
Reversible

Steel head, iron body, adjustable to any height by

turning adjusting screw.

Per dozen

No. 15—1 1/4 x 3 1/2 in. top; weight per dozen 7 lbs.\$16.00
One-half dozen in a box.

SPOKE SHAVES

STANLEY



Straight Bottom

Japanned iron handles, high grade steel cutters, straight handles. Cutter and cap fastened by thumb screw.

Per dozen

No. 64—9 in. long, 1 1/4 in. cutter;
wt. per doz. 5 1/2 lbs.\$5.60

One-half dozen in a box.



Side and End Adjustment

Japanned iron frame; raised handles; high grade steel cutter, tempered and sharpened.

Per dozen

No. 151—10 in. long, 2 1/8 in. cutter;
wt. per doz. 8 1/2 lbs.\$12.70

One-half dozen in a box.

STANLEY TWO CUTTER

Straight and Hollow Cutters,
Straight Handles

Japanned iron frame; tempered and sharpened steel cutter; two cutters and two cutter seats.

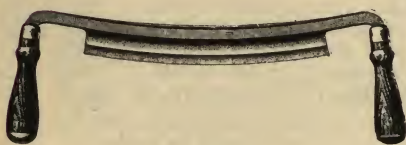
Per dozen

No. 60—11 in. long, 1 1/2 in. cutters;
wt. per doz. 8 1/2 lbs.\$14.00

One-half dozen in a box.

DRAWING KNIVES

GREENLEE "RELIANCE"



No. 600—Razor Blade

1 3/8 in. solid tool steel blade, highly polished; hardwood handles; nickel plated heavy steel caps and ferrules.

Length blade, in.	8	9
Length over all, in.	13 1/8	14 1/8
Wt. doz., lbs.	13 3/4	14 1/2
Per dozen	\$24.50	26.00

Length blade, in.	10
Length over all, in.	15 1/8
Wt. doz., lbs.	15 1/4
Per dozen	\$28.00

One-half dozen in a box.

CHISELS

STANLEY SOCKET POCKET



No. 740—Beveled Blade

Blade and socket forged from one piece of high grade steel, heat treated and tempered, selected hickory handle, leather tipped.

Blades 4 1/2 in. long.

Width, in. ... 1/8	1/4	3/8	1/2
Wt. doz., lbs. ...	3	3 1/4	3 3/4
Per dozen ..	\$12.30	12.30	12.30

Width, in.	5/8	3/4	1
Wt. doz., lbs.	4	4 3/4	5 1/4
Per dozen	\$13.50	13.90	15.70

Width, in.	1 1/4	1 1/2	2
Wt. doz., lbs.	5 1/2	8	10 1/2
Per dozen	\$17.30	20.50	20.80

One-half dozen in a box.

STANLEY SOCKET BUTT



No. 750—Beveled Blade

Blade and socket forged from one piece of high grade steel, heat treated and tempered, selected hickory handle, leather tipped.

Blade 3 1/4 in. long.

Width, in. ... 1/4	3/8	1/2	5/8
Wt. doz., lbs. ...	2 1/4	2 1/4	2 1/2
Per dozen ..	\$12.30	12.30	13.50

Width, in. ... 3/4	7/8	1	1 1/4
Wt. doz., lbs. ...	3	3 1/4	3 1/2
Per dozen ..	\$13.90	15.50	15.70

Width, in.	1 1/2	1 3/4	2
Wt. doz., lbs.	6	7	8
Per dozen	\$20.50	20.20	20.80

One-half dozen in a box.

STANLEY NEW PATTERN BUTT
CHISEL

No. 60—Beveled Blade

For the pattern maker, cabinet maker, carpenter, etc. No socket or ferrule. An unusual reverse curve in the handle makes this chisel most comfortable to the hand. Indestructible handle.

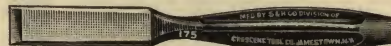
Thin steel blade 3 in. long, "Stanloid" composition handle.

Width, in. ... 1/4	3/8	1/2	3/4
Wt. doz., lbs. ...	2 3/4	3	3 1/2
Per dozen ..	\$19.20	19.20	20.20

Width, in.	1	1 1/4	1 1/2
Wt. doz., lbs.	4 1/2	6	7 1/4
Per dozen	\$22.00	25.90	28.80

One-half dozen in a box.

CRESCENT ALL-STEEL



No. 175—Length 9 Inches

Forged steel, one piece handle and blade, for plumbers' and electricians' use, polished blade, blue enameled handle with red head.

Width, in.	3/4	1	1 1/4
Wt. doz., lbs.	9	9 1/2	10
Per dozen	\$11.30	13.20	14.65

These chisels are intended especially for hard usage. They will take a keen edge and hold it. Repeated sharpening is possible as the blade is hardened throughout.

One-quarter dozen in a box.

GOUGES

GREENLEE SOCKET FIRMER



No. 330—Outside Bevel

Special crucible steel blade, polished and tempered, selected hickory handle, leather tipped.

Blade 6 1/4 in. long.

Width, in. ... 1/8	1/4	3/8	1/2
Wt. doz., lbs. ...	4	4	4 1/4
Per dozen ..	\$21.00	21.00	22.00

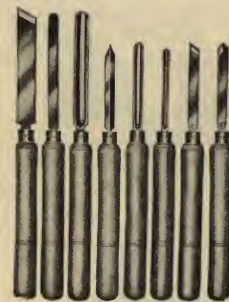
Width, in.	3/4	1	1 1/4
Wt. doz., lbs.	6 1/2	9	11
Per dozen	\$24.50	28.00	31.00

Width, in.	1 1/2	1 3/4	2
Wt. doz., lbs.	12	13 1/2	15
Per dozen	\$34.50	37.50	42.50

One-half dozen in a box.

WOOD TURNING TOOLS

DISSTON HOME WORKSHOP



Blades of fine tool steel with strong, drop-forged tang. Each chisel hardened, ground with correct bevel and polished.

Nine in. hardwood handles. Brass ferrules. Handles lacquered.

1 2 3 4 5 6 7 8

Per dozen

No. 1—1 in. skew, 6 1/8 in. long; wt. per dozen 8 lbs.	\$14.40
No. 2—1 1/2 in. round nose, 6 1/8 in. long; wt. per doz. 6 lbs.	10.30
No. 3—3/4 in. gouge, 6 1/8 in. long; wt. per doz. 6 1/2 lbs.	14.40
No. 4—1/2 in. parting tool, 4 3/8 in. long; wt. per doz. 3 1/2 lbs.	10.30
No. 5—1/2 in. gouge, 4 3/8 in. long; wt. per doz. 4 lbs.	10.30
No. 6—1 1/4 in. gouge, 4 3/8 in. long; wt. per doz. 3 1/4 lbs.	10.30
No. 7—1 1/2 in. skew, 4 3/4 in. long; wt. per doz. 3 1/2 lbs.	10.30
No. 8—1 1/2 in. spear point, 4 3/8 in. long; wt. per doz. 3 1/2 lbs.	10.30

One-half dozen in a box.

IN SETS

Per set

No. K1S Set—Consists of 8 tools in
a display carton; wt. per set
4 1/2 lbs.\$7.50

Contents of No. K1S Set:

1/2 in. Parting	1/2 in. Gouge
1/2 in. Round Nose	1/2 in. Skew
1/2 in. Spear Point	3/4 in. Gouge
1/4 in. Gouge	1 in. Skew

Per set

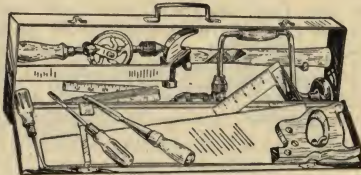
No. K6S Set—Consists of 6 tools in
a display carton; wt. per set
3 3/4 lbs.\$5.20

Contents of No. K6S Set:

1/2 in. Parting	1/2 in. Spear Point
1/2 in. Round Nose	1/4 in. Gouge
1/2 in. Gouge	1/2 in. Skew

TOOL CHESTS

STANLEY



The ideal tool box for boys, homeowners and handy men. The tools are Stanley-Defiance—dependable, practical and attractive. Put up in a compact and light, green lacquered sturdy metal box. Fitted with hinged panel. Compartments and hooks for tools, two catches and carrying handle.

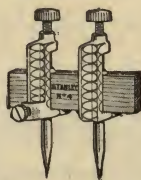
No. 882—Consists of 9 tools, as enumerated below, complete with 24 $\frac{3}{4}$ x 3 $\frac{1}{2}$ x 7 in. steel chest; wt. per set 13 lbs.\$7.50

Contents of No. 882 Tool Chest:

- 1 Try Square, 6 in.
- 1 Screw Driver, 4 in.
- 1 Screw Driver, 3 in.
- 1 Hand Drill
- 1 Bit Brace, 10 in.
- 1 Zig Zag Rule, 6 ft.
- 1 Chisel, $\frac{1}{2}$ in.
- 1 Hand Saw, 20 in.
- 1 Nail Hammer, 16 oz.

TRAMMEL POINTS

STANLEY



Nickel plated bodies and thumb screws hardened and polished steel points. The pencil socket will take an ordinary or an oval shaped carpenter's pencil.

No. 4—For straight edge up to 1 $\frac{1}{4}$ in.; wt. per set $\frac{3}{8}$ lb.\$1.75
One set in a box.

BURNISHERS

STANLEY SCRAPER BLADE



Oval Shaped Blade

Finest forged tool steel blade, carefully heat treated. Polished hardwood handle. Used to turn the edges on scraper blades.

No. 176—3 $\frac{1}{2}$ in. blade, 8 in. long over all; weight per dozen 2 $\frac{1}{4}$ lbs.\$12.30
One-half dozen in a box.

SCRAPER PLANES

STANLEY



The handles are of rosewood with a double grip, and, being placed across the center of the tool, give it a good balance. The blade is adjustable endwise and for angle, and can be firmly locked in position desired.

Endwise and Angle Adjustment

Japanned iron body, polished face and sides, double grip handle.

No. 12—6 $\frac{1}{4}$ in. long, 2 $\frac{7}{8}$ in. blade; wt. each 3 $\frac{1}{2}$ lbs.\$5.60
Per dozen
No. 12—Extra Blades; 2 $\frac{7}{8}$ in. wide. \$4.80
One in a box.

CABINET SCRAPERS

STANLEY DOUBLE HANDLE

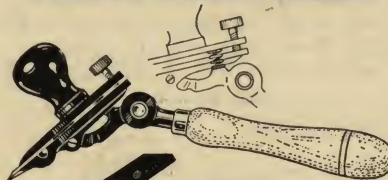


Raised Handles

Japanned iron body; tool steel blade; thumb screw adjustment.

No. 80—11 $\frac{1}{2}$ in. long; 2 $\frac{3}{4}$ in. blade; wt. each 1 $\frac{3}{4}$ lbs.\$1.65
No. 80—Extra Blades; 2 $\frac{3}{4}$ in. wide. .42
One in a box.

STANLEY SPRING CUSHION



Adjustable

A spring in the head eliminates chatter, handle can be tilted. Furnished with regular and double edge blade for rough and fine work. Japanned body, red hardwood handle.

No. 82—12 in. long, 3 in. blades; wt. each 1 $\frac{3}{4}$ lbs.\$2.20
No. 82—Regular Blades42
One in a box.

BISHOP



Heavy beechwood handle with varnished edges, metal thumb screw blade fastener tool steel blade.

No. 2—13 $\frac{1}{2}$ in. long, 3x3 in., 16 ga. blade; wt. per dozen 11 lbs. ..\$11.80
No. 2EB—Extra Blades; 3x3 in. . 6.00
One-half dozen in a box.

CABINET SCRAPERS

RED DEVIL

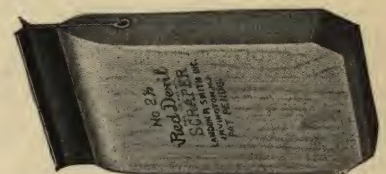


A real quality tool with two cutter blades.

21 ga. .90 carbon steel blades, spade shaped bright red lacquered wood handle.

No. 5—2 $\frac{1}{2}$ in. blade; weight per dozen 3 $\frac{1}{2}$ lbs.\$8.00
One dozen in a display carton.

No. 2 $\frac{1}{2}$ B—Extra Blades; 2 $\frac{1}{2}$ in., for Nos. 5 and 2 $\frac{1}{2}$ scrapers; wt. per dozen pairs 1 lb.\$3.00
One dozen pairs in a box.



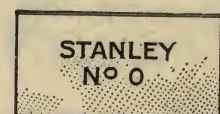
This scraper is fitted with two cutter blades and fits the pocket and is easy to hold.

21 ga. .90 carbon steel blades, bright red lacquered smooth wood handle.

No. 2 $\frac{1}{2}$ —2 $\frac{1}{2}$ in. blade; weight per dozen 3 $\frac{1}{2}$ lbs.\$8.00
One-half dozen in a box.

HAND SCRAPERS

STANLEY



Made of high grade steel .037 inch thick, carefully heat treated to a correct temper. Great care is exercised in the selection and heat treatment of these blades to make them superior tools.

No. 0—3x5 in.; weight per dozen 4 lbs.\$7.30
One-half dozen in a box.

DISSTON



Special steel, plain edges, not dressed, about 19 gauge, branded "Phila. Saw Co."

No. 10—3x5 in.; weight per dozen 1 $\frac{3}{4}$ lbs.\$2.80
One dozen in a box.

IRON PLANES

STANLEY BENCH, ADJUSTABLE



Bailey Pattern

Japanned frame; polished face and sides; tempered steel cutter; adjustable endwise and sidewise; rosewood handle and knob.

With Flat Bottom

Each

No. 3—Smooth; 8 in. long; 1½ in. cutter; wt. each 3½ lbs. \$ 4.80

No. 4—Smooth; 9 in. long; 2 in. cutter; wt. each 3¾ lbs. 4.90

No. 4½—Smooth; 10 in. long; 2¾ in. cutter; wt. each 5 lbs. 6.15

No. 5—Jack; 14 in. long; 2 in. cutter; wt. each 5 lbs. 5.60

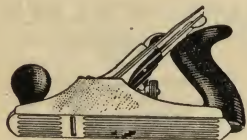
No. 5½—Jack; 15 in. long; 2¼ in. cutter; wt. each 6 lbs. 7.05

No. 6—Fore; 18 in. long; 2¾ in. cutter; wt. each 7 lbs. 7.65

No. 7—Jointer; 22 in. long; 2¾ in. cutter; wt. each 8 lbs. 9.60

No. 8—Jointer; 24 in. long; 2¾ in. cutter; wt. each 9½ lbs. 11.20

All above, one in a box.



With Corrugated Bottom

Each

No. 3C—Smooth; 8 in. long; 1½ in. cutter; wt. each 3½ lbs. \$ 5.05

No. 4C—Smooth; 9 in. long; 2 in. cutter; wt. each 3¾ lbs. 5.20

No. 4½C—Smooth; 10 in. long; 2¾ in. cutter; wt. each 4¾ lbs. 6.55

No. 5C—Jack; 14 in. long; 2 in. cutter; wt. each 4¾ lbs. 5.90

No. 5½C—Jack; 15 in. long; 2¼ in. cutter; wt. each 5¾ lbs. 7.50

No. 6C—Fore; 18 in. long; 2¾ in. cutter; wt. each 6¾ lbs. 7.70

No. 7C—Jointer; 22 in. long; 2¾ in. cutter; wt. each 7¾ lbs. 10.00

No. 8C—Jointer; 24 in. long; 2¾ in. cutter; wt. each 9¼ lbs. 11.70

All above, one in a box.

IRON PLANES

DEFIANCE BENCH, ADJUSTABLE



With Flat Bottom

Japanned frame; polished face and sides; cutter adjustable endwise and sidewise; lacquered hardwood handle and knob.

Each

No. 1204—Smooth; 9 in. long; 2 in. cutter; wt. each 3½ lbs. \$2.10

No. 1205—Jack; 14 in. long, 2 in. cutter; wt. each 4½ lbs. 2.70
One in a box.

IRON BLOCK PLANES

BAILEY

The Bailey Block Planes are the highest type of Block Planes.

They have an improved form of adjustment for adjusting cutters endwise and sidewise. The cutters rests on its seat at an angle of 20 degrees. All have adjustable throats and the "Hand-y" feature.



Adjustable Throat, Japanned Trimmings

Endwise screw and lateral lever adjustment.

Each

No. 9½—6 in. long, 1½ in. cutter; wt. each 1½ lbs. \$2.50

No. 15—7 in. long, 1½ in. cutter; wt. each 1½ lbs. 2.80
One in a box.



Adjustable Throat, Knuckle Joint

Cast iron frame, nickel plated trimmings, tempered tool steel, endwise screw and lateral lever adjustment, "handy grip".

Each

No. 18—6 in. long; 1½ in. cutter; wt. each 1½ lbs. \$3.50

The knuckle joint permits of great leverage, consequently the lever can be placed in position or removed with very little effort.

One in a box.

STANLEY ADJUSTABLE



For manual training work, endwise screw adjustment. Japanned trimming, rosewood knob.

Each

No. 203—5½ in. long, 1½ in. cutter; wt. each 1 lb. \$1.90
One in a box.

IRON BLOCK PLANES

STANLEY LOW ANGLE ADJUSTABLE

In the Low Angle Planes, the cutter rests on its seat at an angle of only 12 degrees. This angle permits of great ease in working across the grain on hard woods. They have adjustable throats, which allow of the opening or closing of the mouth as coarse or fine work may require. Fitted with the well known "Hand-y" feature.



Low Angle, Adjustable Throat

Endwise screw adjustment, japanned trimmings.

Each

No. 60½—6 in. long, 1½ in. cutter; wt. each 1½ lbs. \$2.80

No. 65½—7 in. long, 1½ in. cutter; wt. each 1½ lbs. 3.20

One in a box.

DEFIANCE, NON-ADJUSTABLE



A popular plane for general and household use.

Lever cap, tempered tool steel cutter and hardwood knob; iron frame, sides and bottom polished, balanced finished in black.

Each

No. 1247—7 in. long, 1½ in. cutter; wt. each 1½ lbs. \$0.80

One in a box.

STANLEY, NON-ADJUSTABLE



Non-Adjustable

Each

No. 102—5½ in. long, 1½ in. cutter; wt. each 1 lb. \$1.10

One in a box.



Bottom and sides are milled and ground, lever cap is polished and nickel plated, tempered steel cutter, rosewood knob.

Each

No. 110—7 in. long, 1½ in. cutter; wt. each 1½ lbs. \$1.35

One in a box.

IRON BLOCK PLANES

STANLEY ADJUSTABLE



Screw Adjustment, Rosewood Knob

Polished sides and face, nickel plated adjusting screw.

Each
No. 220—7 in. long, 1 5/8 in. cutter,
weight each 1 1/4 lbs.\$2.00

The cutter is adjustable endwise by means of a steel adjusting screw. The bottom and sides are milled and ground.

One in a box.

STANLEY BLOCK AND RABBIT

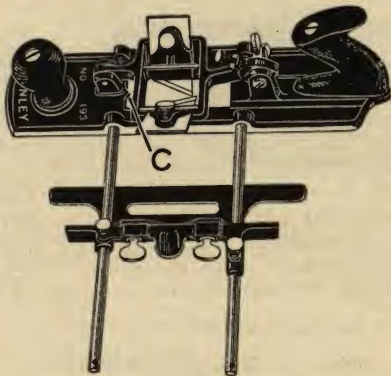


A detachable side changes it from a block plane to a rabbit plane. The skew cutter is adjustable endwise. Nickel plated trimmings, rosewood knob, iron frame.

Each
No. 140—7 in. long, 1 5/8 in. cutter;
wt. each 1 5/8 lbs.\$3.50

One in a box.

FIBRE BOARD CUTTERS



For cutting, beveling and grooving all kinds of fibre board. Complete with groove and bevel cutter holder; slitting cutter holder, slide, bevel guide and groove guide, with this tool it is possible to slit or rip fibre board faster than with a saw and the edges are left smooth and it can be used to bevel the edges of the board.

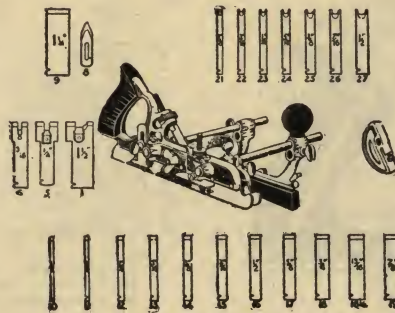
Japanned finish, polished surfaces protected with lacquer, rosewood handle and knob.

Each
No. 193—Complete with attachment, 12 1/4 in. long; wt. each
6 1/2 lbs.\$13.35

One in a box.

COMBINATION PLANES

STANLEY FORTY-FIVE COMBINATION



Seven Tools in One, in Compact and Practical Form

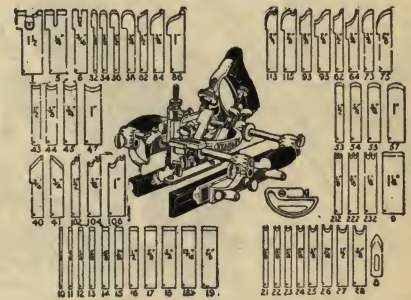
Beading and center beading plane, plow, dado, rabbit and filletster, match plane, sash plane and slitting plane. Nickel plated iron frame; rosewood handle, knob and fence.

Each
No. 45—11 in. long; with 23 cutters; wt. each 9 1/2 lbs.\$21.20

Each plane is regularly supplied with 11 plow and dado cutters, 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 1 1/8 and 1 1/4 in.; seven beading tools, 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 1 1/8 and 1 1/4 in.; one 1 1/2 in. sash tool, one each 3/8 and 1/4 in. match tool; one 1 1/4 in. filletster and one slitting tool.

One in a box.

STANLEY FIFTY-FIVE COMBINATION



This plane combines all the features of the Stanley Forty-five and in addition is also a Moulding plane. Nickel plated iron frame; rosewood handle and fences.

Each
No. 55—With 55 cutters; weight
each 15 lbs.\$41.70

Each plane has one 1 1/2 in. sash tool, one each 3/8 and 1/4 in. match tools, one slitting tool, one 1 1/4 in. filletster, 11 plow and dado tools, 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 1 1/8 and 1 1/4 in.; eight beading tools, 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 1 1/8 and 1 1/4 in.; four fluting tools, 1/4, 3/8, 1/2 and 3/4 in.; four hollows, 1/2, 5/8, 3/4 and 1 in.; four rounds, 1/2, 5/8, 3/4 and 1 in.; two quarter hollows, 1/2 and 3/4 in.; two quarter rounds, 5/8 and 7/8 in.; three reverse ogees, 1/2, 3/4 and 1 in.; two Roman ogees, 5/8 and 7/8 in.; three Grecian ogees, 1/2, 3/4 and 1 in.; two quarter rounds with bead, 5/8 and 7/8 in.; and three reeding tools, two beads, 1/8, 3/8 and 1/4 in.; one each right and left hand chamfers 3/4 in.

One in a box.

IRON RABBIT PLANES

STANLEY RABBIT



With Adjustable Depth Gauge

Japanned iron stock; nickel plated trimmings; 8 in. long; with spur for working across grain.

Nos.	190	191
Cutter, in.	1 1/2	1 1/4
Wt. each, lbs.	2 1/2	2 1/4
Each	\$2.80	2.80

These planes will lie perfectly flat on either side and can be used with either right or left hand while planing into corners or up against perpendicular surfaces.

One in a box.

STANLEY DUPLEX, FILLETSTER AND RABBIT



With Depth Gauge and Adjustable Fence

Japanned iron body; nickel plated trimmings; with spur for working across grain.

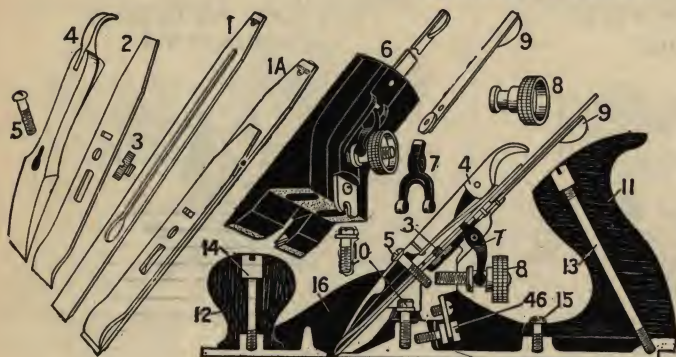
Each
No. 78—8 1/2 in. long; 1 1/2 in. cutter;
wt. each 3 lbs.\$3.50

This plane has two seats for the cutter, one for regular work and the other where a bull-nose is required. The adjustable fence can be used on either side and slides under the bottom, regulating the width of the cut. To work same as a rabbit plane, remove fence and arms.

One in a box.

Ⓣ EXTRA PARTS FOR STANLEY PLANES

"BAILEY" IRON PLANES



No.	Name of Part	No. of Plane	1 2 2C	3 3C	S4 A4 4C	4½ 4½C	S5 A5 5C	5½ 5½C	5¾ 5¾C	A6 6 6C	7 7C	8 8C
3	Cap Screw		\$.10									
4	Lever Cap		.50									
5	" Screw		.10									
6	Frog Complete		.70									
7	"Y" Adjusting Lever		.10									
8	Adjusting Nut		.20									
9	Lateral Adjusting Lever		.20									
10	Frog Screw		.10									
11	Plane Hand		.40									
12	" Knob		.30									
13	Handle Bolt and Nut		.20									
14	Knob		.20									
15	Handle Toe Screw		.20									
16	Plane Bottom		1.70	\$2.00	\$2.00	\$.10	\$.10	\$.10	\$.10	\$.10	\$.10	\$.10
46	Frog Adjusting Screw		.10	.10	.10	.10	.10	.10	.10	.10	.10	.10

The price is the same for all numbers

Add 10 per cent. for Corrugated Bottoms.

Add 30 per cent. for Bottoms and Frogs for Planes A4, A5, A6.

Add 10 per cent. for Bottoms and Frogs for Planes S4 and S5.

STANLEY BLOCK PLANES

No.	Name of Part	No. of Plane	100 101	102 103	110	120	130	131	140	203	220
4	Lever		\$0.10	\$0.20	\$0.20	\$0.20	\$0.20	\$0.20	\$0.30	\$0.20	\$0.20
5	" Screw										
6	Adjusting Slide			.30		.30		.10	.10	.10	.10
8	" Nut							.30	.20	.20	.20
12	Plane Knob				.20	.20	.20	.30	.30	.30	.30
16	" Bottom		.30	.40	.50	.60	.70	1.40	1.50	.50	.60
18	Detachable Side										
19	Side Screw (Pair)								.20		

"BAILEY" AND STANLEY BLOCK PLANES

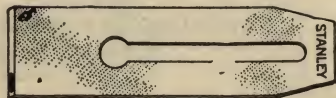
No.	Name of Part	No. of Plane	9½	15	16 17	S18 A18 18 19	60 60½	62	61 63	65	65½	164
4	Lever		\$0.25	\$0.25	\$0.35	\$0.65	\$0.35	\$0.35	\$0.35	\$0.00	\$0.25	\$0.35
5	" Screw		.10	.10	.10	.10	.10	.10	.10	.10	.10	.10
6	Adjusting Slide						.20		.20	.20	.20	.20
7	" Lever		.10	.10	.10	.10	.10	.10	.10	.10	.10	.10
8	" Nut		.20	.20	.20	.20	.20	.20	.20	.20	.20	.20
9	Lateral Adjusting Lever		.20	.20	.20	.20	.20	.20	.20	.20	.20	.20
11	Plane Handle						.60					.40
16	" Bottom		1.40	1.50	1.50	1.50	1.20	3.50	1.00	1.50	1.50	3.00
21	Eccentric Plate		.20	.20	.20	.20	.20	.20	.20	.20	.20	.20
22	Finger Rest Knob		.20	.20	.20	.20	.20	.40	.20	.20	.20	.40

Add 30 per cent. for Bottom, for Plane A18.

Add 10 per cent. for Bottom, for Plane S18.

PLANE IRONS

BAILEY SINGLE



For "Bailey" and "Bed Rock" iron and wood planes.

Finest quality English steel, tempered and ground, honed ready for use.

Width, in.	2	2½	2¾	3	3½
Wt. each, oz.	5	5½	6	7	8
Each	\$0.90	.98	1.05	1.10	1.15

One-half dozen in a box.

BAILEY DOUBLE



For "Bailey" and "Bed Rock" iron and wood planes.

Finest quality English steel, tempered and ground, honed ready for use.

Width, in.	2	2½	2¾	3	3½
Wt. each, oz.	6	6½	7	8	9
Each	\$1.55	1.60	1.70	1.75	1.80

One-half dozen in a box.

NOTE—Goods Marked Ⓣ Not Carried in Stock but Shipped Direct from Factory

BLOCK PLANE, NON-ADJUSTABLE



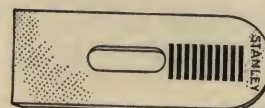
Per dozen

No. 100—1 in., for planes Nos. 100 and 101	\$2.30
No. 102—1½ in., for plane No. 102	3.70
No. 103—1¾ in., for plane No. 103	5.10
No. 110—1¾ in., for planes Nos. 110 and 130	5.10

One-half dozen in a box.

When ordering specify number of plane or size of plane iron and whether adjustable or non-adjustable.

BLOCK PLANE, ADJUSTABLE



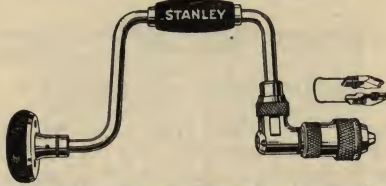
Per dozen

No. 220—1½ in., for planes Nos. 9½, 15, 16, 17, 18, 19, 63, 65, 65½, 120 131 and 220	\$6.80
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One-half dozen in a box.

BIT BRACES

STANLEY BOX RATCHET



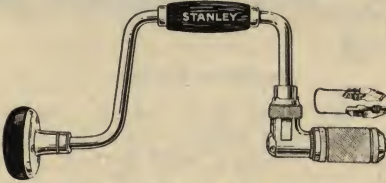
No. 813—Nickel Plated and Buffed

Heavy steel sweep; metal clad ball bearing cocobolo head; ball bearing chuck; Universal jaws, holding round, square or taper shanks; cocobolo handle.

Sweep, in.	10	12
Wt. dozen, lbs.	42	45
Per dozen	\$97.20	99.60
Extra Jaws—Per pair ..	.80	.80

One-sixth dozen in a box.

STANLEY BOX RATCHET



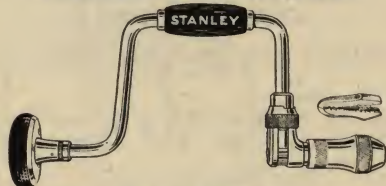
Nickel Plated and Buffed

Heavy steel sweep, steel clad ball bearing cocobolo head, Universal jaws, holding round, square or taper shanks, cocobolo handle.

No. 923—10 in. sweep; weight per dozen 39 lbs.	Per dozen	\$80.40
Extra Jaws	Per pair	\$0.80

One-sixth dozen in a box.

STANLEY OPEN RATCHET



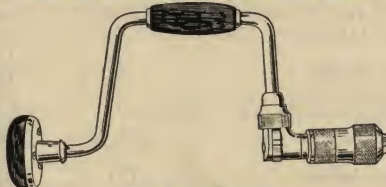
Nickel Plated

Steel sweep, ball bearing head, hardwood head and handle finished glossy black, large round chuck, alligator jaw.

No. 965N—10 in. sweep; weight per dozen 28 lbs.	Per dozen	\$40.00
Extra Jaws	Per pair	\$0.50

One-half dozen in a box.

DEFIANCE OPEN RATCHET



Nickel Plated

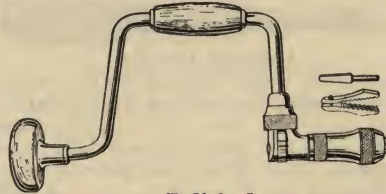
Heavy steel sweep, metal clad ball bearing head, large chuck, alligator jaws, hardwood head and handle.

No. 1250—10 in. sweep; weight per dozen 33 lbs.	Per dozen	\$33.70
Extra Jaws	Per pair	\$0.50

One-half dozen in a box.

BIT BRACES

DEFIANCE



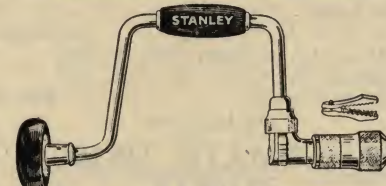
Polished

Steel sweep, red hardwood head and handles, pin type, alligator jaws.

No. 1253—10 in. sweep; weight per dozen 28 lbs.	Per dozen	\$19.20
Extra Jaws	Per pair	\$0.50

One-half dozen in a box.

STANLEY OPEN RATCHET



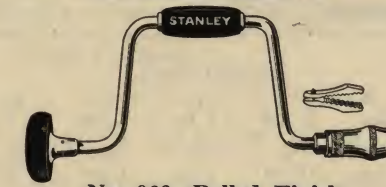
No. 915—Nickel Plated

Steel sweep, bronze bushed, steel clad ball bearing head, cocobolo head and handle, alligator jaws.

Sweep, in.	8	10	12
Wt. doz., lbs.	28½	32½	34½
Per dozen	\$63.60	63.60	67.20
Extra Jaws	Per pair	\$0.50	

One-half dozen in a box.

STANLEY SLEEVE



No. 966—Rolled Finish

Steel sweep; improved ball bearing head; red hardwood head and handle; cast alligator jaws.

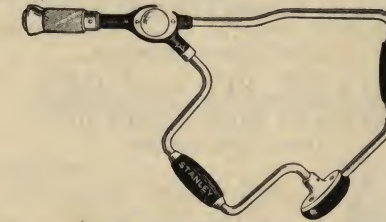
No. 966—10 in. sweep; weight per dozen 22½ lbs.	Per dozen	\$15.84
Extra Jaws	Per pair	\$0.50

One-half dozen in a box.

CORNER BIT BRACES

STANLEY

Phosphor bronze gear frame, carefully cut gear teeth, nickel plated, heavy steel frame, metal clad ball bearing cocobolo head, cocobolo handles.



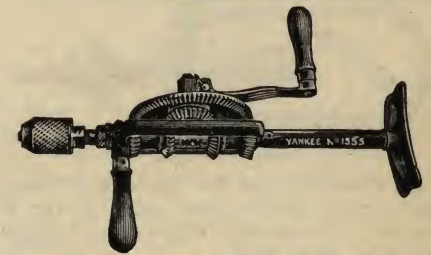
Interlocking Jaws Per dozen

No. 922—10 in. sweep; weight per dozen 48 lbs.	Per dozen	\$156.00
Extra Jaws	Per pair	\$0.80

One-sixth dozen in a box.

BREAST DRILLS

YANKEE, DOUBLE SPEED, BALL BEARING



With Right and Left Hand and Continuous Ratchet Movement

Dead black finished malleable iron frame, adjustable ball bearing, steel spindle, cut gears, adjustable breast plate with polished face, chrome plated three-jaw chuck holding up to ½ in. round shanks only.

No. 1555—17 in. long, with double speed; wt. each 6¾ lbs.	Each	\$15.40
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The peculiar feature of Yankee Breast Drills is found in the shifter on cylinder between the small gears. With slide in **first** notch it is a plain drill; in **second**, a left hand ratchet; in **third**, a right hand ratchet; in **fourth**, a double ratchet where any movement of the crank forward or backward causes the drill to run continuously. In **fifth**, gearing, etc., is locked to open or close chuck.

One in a box.

HAND DRILLS

YANKEE SINGLE SPEED



Right and Left Hand and Continuous Ratchet Movement

Black enameled malleable iron frame, other metal parts chrome plated. Drop forged steel jaws, cast iron gears. Hardened steel bearings. Three-jaw chuck with ¼ in. capacity.

Detachable hollow hardwood handle, without drill points.

No. 1530—10½ in. long; weight each 1¼ lbs.	Each	\$7.00
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One in a box.

STANLEY



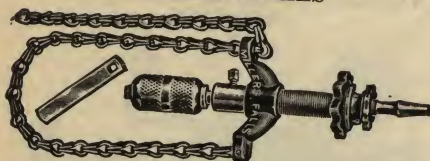
All steel frame, red lacquered crank, knob and gear, steel parts bright finish, red lacquered hardwood handle, gray iron gear and steel pinion, well made steel chuck with three tool steel jaws.

No. 1218—11½ in. long, three jaw chuck holds up to ¼ in. round shank; weight each 1¼ lbs.	Each	\$1.30
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One in a box.

CHAIN DRILLS

MILLERS FALLS



Ball Bearing

An auxiliary tool for use with a breast drill or bit brace when extra power is needed. Automatic adjustable friction feed and hand feed.

Japanned frame, nickel plated sockets and bit shanks, complete with 4 ft. of stout chain.

Each

No. 718—11½ in. long over all, with Master chuck, holding bit stock, round shank ⅜ to ½ in. and No. 1 taper shanks; wt. each 4½ lbs.\$7.00

One in a box.

ELECTRIC DRILLS

MILLERS FALLS



Chrome nickel steel heat-treated gears and spindle, extra long bronze spindle, ball thrust at rear, fully enclosed make and break switch.

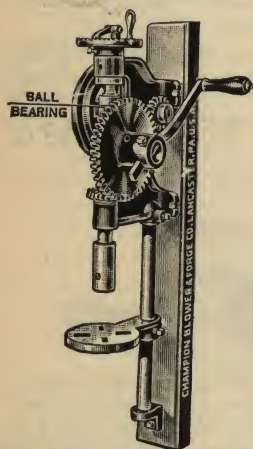
Each

No. 1114—¼ in. capacity, free speed 2750 R.P.M., 13½ in. long, Universal motor for A.C. or D.C. fan cooled, 8 ft. rubber cord with protector at handle; weight each 5 lbs.\$33.00

One in a box.

POST DRILLS

CHAMPION



Ball Bearing

A light weight low-priced drill with moderate capacity. Adjustable one piece slotted table which may be raised or lowered seven inches. Fly wheel 6¼ inches with 1¼ inch face, grooved to take a V belt or can be used with a flat belt, has a adjustable crank.

Each

No. 108—26 in. high, drills 0 to ½ in. to center of 8 in. circle, ⅞ in. spindle with 1½ in. run, distance from table to spindle 8 in. spindle bored to take ½ in. straight shank bits; weight each 29 lbs.\$10.00

AUTOMATIC DRILLS

YANKEE



Knurled Handle

Steel and brass, chrome plated, magazine in handle for holding drill points.

Per dozen

No. 41—11⅜ in. long, with 8 drill points ⅜ to ½ in.; weight per dozen 7 lbs.\$41.80

One in a box.



With Adjustable Spring Tension

Steel and brass, chrome plated, magazine in handle for holding drill points.

Tension of spring is adjusted by turning cap on handle, making it light for small drills or soft wood and stiff for large drills or hardwood. Saves points and works better.

Per dozen

No. 44—11¼ in. long, with 8 drill points ⅜ to ½ in.; wt. per dozen 8¼ lbs.\$50.30

One in a box.

AUTOMATIC DRILL POINTS

YANKEE

Assorted Sizes

Per set

Set consists of 8 drills, ⅜ to ½ in., as illustrated above; illustrations half size; will fit Nos. 41 or 44 Yankee automatic drills . \$1.20

One set in a round wooden box, twelve sets in a carton.

Straight Sizes

Size, in.	⅜	½	¾	1
Per doz.	\$1.80	1.80	1.80	1.80
Size, in.	1 ⅜	1 ½	1 ¾	2
Per doz.	\$1.80	1.80	1.80	1.80

One dozen in a package.

AUGER HANDLES

PECK'S PATENT



Hardwood, iron bound; strong and durable. This handle is adjustable to all sizes of augers. The small cut shows the iron clamp, which is firmly inserted in the wooden handle and holds the auger securely.

Per dozen

No. 60—18 in. long; weight per dozen 13 lbs.\$11.00

One-half dozen in a box.

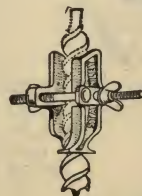
AUGER BIT GAUGES

STANLEY ADJUSTABLE BIT
Iron, Nickel Plated

Per dozen

No. 49—2½ inches long, can be attached to bits of any size up to 1 in. in diameter, wt. per dozen 5 lbs.\$16.80

One in a box.



BIT EXTENSIONS

STANLEY



No. 180—Follows ½ Inch Bit

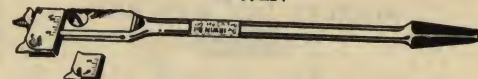
Shank and socket forged in one piece, hardened and tempered, nut and knurled wrench case hardened, sleeve made from seamless steel tubing, polished finish. Bit capacity up to 1 inch.

Length, in.	15	18
Wt. dozen, lbs.	10	11
Per dozen	\$35.20	35.20

One-half dozen in a box.

EXPANSIVE AUGER BITS

IRWIN



Improved Pattern

Polished steel, heat treated and tempered, no loose plates. Clamping device makes the cutter a solid part of boring head.

Per dozen

No. 1—Small size, with two cutters, one boring ⅝ to 1 in., the other from 1 to 1½ in.; wt. per dozen 4½ lbs.\$21.00

No. 2—Large size, with two cutters, one boring ⅞ to 1½ in., the other 1½ to 3 in.; weight per dozen 7 lbs. 24.50

One in a box; one-half dozen in a carton.

EXTRA CUTTERS

Tempered steel, accurately graduated.

Nos.	1	2	3	4
For bit, Nos. . .	1	1	2	2
Bores, in. . . .	⅝-1	1-1½	⅞-1½	1½-3
Per dozen ...	\$3.60	4.50	6.30	7.20

One dozen in a box.

CARPENTER'S NUT AUGERS

GREENLEE



No. 88—Double Twist Pattern

Flat head, medium coarse screw point; sizes to 1½ in. polished twist; larger sizes japanned hollows.

Size, inches	¾	1
Length, inches	16	17
Wt. per dozen, lbs.	7	9½
Per dozen	\$18.80	25.70

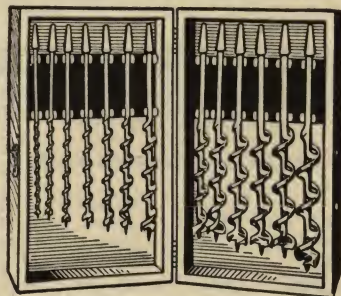
Sizes, inches	1¼	1½
Length, inches	18	18
Wt. per dozen, lbs.	11¾	13
Per dozen	\$32.50	41.00

Size, inches	1¾	2
Length, inches	19	19
Wt. per dozen, lbs.	17½	20
Per dozen	\$48.00	54.70

¾ to 1½ in., one-half dozen; 1¾ and 2 in. one-quarter dozen in a box.

AUGER BIT SETS

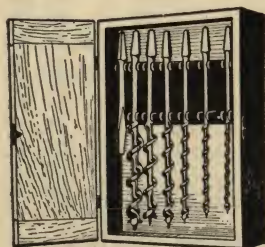
IRWIN BORCHESTS



Polished wood box, each bit held in place by a steel clip.

- No. DM62T—"Carpenter" Set;** 13 bits, 32½ quarters, No. 62T bits, one each 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 16/16ths; wt. per set 5½ lbs..\$11.30
- No. AM62T—"Handy" Set;** 9 bits, 20½ quarters, No. 62T bits, one each 4, 5, 6, 7, 8, 10, 12, 14 and 16/16ths, also one screw driver bit; wt. per set 4¼ lbs..... 8.70

IRWIN HOME WORK SET



A moderately priced set for the home work shop enthusiasts. The box is sturdy and strong, polished natural wood finish. Each bit held in place by a steel clip.

- No. 150—"Home Work Set;"** 6 bits, one each 4, 5, 6, 8, 10 and 12/16ths, also one screw driver bit; weight per set 3½ lbs.....\$3.00

AUGER BITS

GENUINE IRWIN



No. 62T—Solid Center

Forged steel, full polished, single twist, double cutters, extension lip, average length 8½ in.

Inches, 16ths ..	3	4	5	6
Wt. dozen, lbs..	¾	1	1¼	1½
Per dozen	\$6.65	6.00	6.00	6.00
Inches, 16ths ..	7	8	9	10
Wt. dozen, lbs..	2	2½	2¾	3
Per dozen	\$6.65	7.50	8.25	9.00
Inches, 16ths ..	11	12	13	14
Wt. dozen, lbs..	3¼	3¾	4	4½
Per dozen	\$10.50	10.50	12.00	12.00
Inches, 16ths ..	15	16	18	20
Wt. dozen, lbs..	5	6	7	8
Per dozen	\$13.50	13.50	15.75	18.00

¾ to 16/16ths, one-half dozen; larger sizes, one-quarter dozen in a box.

AUGER BITS

RUSSELL JENNINGS



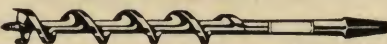
No. 100—Extension Lip

Forged crucible tool steel, oil tempered; polished twist and stem; natural finish shank; double spur and extension lip; double thread on screw; average length 9 in.

Ins., 16ths	3	4	5	6	7
Wt. doz., lbs.	¾	1½	1¾	1¾	2
Per doz..	\$11.40	9.50	9.50	9.50	9.50
Ins., 16ths	8	9	10	11	12
Wt. doz., lbs.	2¼	2½	3	3¾	3¾
Per doz..	\$9.50	11.40	11.40	13.30	13.30
Inches, 16ths ..	13	14	15	16	
Wt. doz., lbs....	4½	4½	5¼	5¼	
Per dozen	\$15.60	15.60	18.00	18.00	

3 to 12/16ths, one dozen; larger sizes, one-half dozen in a box.

FERROX



No. FX24—Solid Center

Forged steel, anti-rust finish. A better bit that enables the dealer to meet chain store competition.

Average length 8½ inches.

Inches, 16ths ...	4	5	6	7
Wt. doz., lbs....	1	1¼	1½	1¾
Per dozen	\$2.50	2.50	2.50	3.36
Inches, 16ths	8	9	10	
Wt. doz., lbs.	2	2¼	2½	
Per dozen	\$3.36	3.70	3.70	

One-half dozen in a box.

We do not break boxes.

SHIP AUGER BITS



No. 39—Single Twist

Forged steel, polished twist and shank, medium coarse screw point, single cutter head with side lip.

Average length 8½ inches.

Inches, 16ths	6	7	8	9
Wt. doz., lbs.	1½	1¾	2	2¾
Per dozen ..	\$12.00	12.00	12.00	15.00
Inches, 16ths	10	11	12	13
Wt. doz., lbs.	3¼	3¾	4	5
Per dozen ..	\$15.00	18.00	18.00	21.00

One-half dozen in a box.

ELECTRICIANS' BITS

IRWIN SPEEDBOR



Solid Center

Forged steel, tempered and polished, single cutter. Bores through 1 inch wood in 10 turns.

- No. 3E—**1½ in. diameter 6 in. twist, length over all 10 in.; weight per dozen 3¾ lbs.\$9.60

One-half dozen in a box.

CAR BITS

IRWIN



No. 65T—Solid Center

Forged from one solid piece of special formula steel; solid center stem; highly polished twist and shank; double spurs and cutters; tapered square shank.

Length of twist 12 in., length over all 18 in.

Inches, 16ths	4	5	6	7
Wt. doz., lbs.	3	3	4	4
Per dozen ..	\$13.70	13.70	13.70	15.60
Inches, 16ths	8	9	10	
Wt. dozen, lbs.	5	6	7	
Per dozen	\$17.10	19.00	20.90	
Inches, 16ths	11	12	13	
Wt. dozen, lbs.	7	8	9	
Per dozen	\$22.80	24.70	26.60	
Inches, 16ths	14	15	16	
Wt. dozen, lbs.	10	10	11	
Per dozen	\$28.90	31.15	32.45	

One-half dozen in a box.

SHIP AUGER CAR BITS



No. 64—Single Twist

Forged steel, polished, oil tempered, single cutter head with side lip.

12 in. twist, about 17 in. long over all.

Inches, 16ths	6	7	8	9
Wt. doz., lbs.	4	4½	5	5½
Per dozen ..	\$22.00	22.00	22.00	22.00
Inches, 16ths	10	11	12	13
Wt. doz., lbs.	6½	7	7½	8¼
Per dozen ..	\$22.00	24.00	24.00	26.00
Inches, 16ths	14	15	16	
Wt. dozen, lbs.	9	10	11	
Per dozen	\$26.00	29.00	29.00	

One-half dozen in a box.

BORING MACHINE AUGERS



No. 84—Double Twist

Forged steel, flat cut head, fitted with medium coarse screw point. The ½ inch round shank has pin hole and recess and will fit all makes of standard hand boring machines. 1¼ and 1½ inch have polished twist, larger sizes have japanned hollows. They have 7½ in. twist and are 11 inches long over all.

Size, inches	1¼	1½
Wt. dozen, lbs.	10½	13½
Per dozen	\$32.50	35.90
Size, inches	1¾	2
Wt. dozen, lbs.	14	18¼
Per dozen	\$47.90	54.70

1¼ and 1½ in., one-half dozen; 1¾ and 2 in., one-quarter dozen in a box.

GIMLET BITS



No. 72—Cobra Point

Cast steel, tempered straw color.

Inches, 32nds	2	3	4
Length, in.	4	4	4½
Wt. dozen, lbs.	½	½	⅝
Per dozen	\$1.60	1.60	1.60

Inches, 32nds	5	6	7
Length, in.	5	5	5½
Wt. dozen, lbs.	⅝	¾	¾
Per dozen	\$1.60	1.60	1.60

Inches, 32nds	8	9	10
Length, in.	5½	6	6¼
Wt. dozen, lbs.	⅞	1	1¼
Per dozen	\$1.60	1.60	2.50

Inches, 32nds	11	12
Length, in.	6¼	6¾
Wt. dozen, lbs.	1⅜	1½
Per dozen	\$2.50	2.50

One dozen in a box.

COUNTERSINK BITS

STANLEY



Rose Type, for Wood or Metal

High quality tool steel, hardened and tempered, cutting edges clean and sharp, blued finish.

Per dozen

No. 139—¾ in. cutting edge, 4¼ in. long; weight per dozen 2 lbs. \$6.65

One-half dozen in a box.

WOOD BITS

CLEVELAND



No. 114A—Polished Steel

Not injured by contact with nails, plaster, etc.

Diam. ins.	Lgth., ins.	Wt. doz., lbs.	Per dozen
⅞	3½	⅞	\$ 4.50
¾	4	½	4.50
⅝	4½	⅞	4.50
⅜	5	⅝	4.85
⅜ ✓	5½	¾	5.75
½	6	1⅞	6.25
¼ ✓	6½	1⅞	6.95
⅜	7	1⅜	7.60
⅞ ✓	7½	1½	8.30
1½	7¾	1⅞	9.00
⅝ ✓	8	1⅝	9.20
1½	8¼	1⅞	10.40
⅞ ✓	8½	2⅞	11.10
1½	8¾	2⅞	12.10
½ ✓	9	2⅞	13.20
⅞	9½	3⅞	14.25
⅝	9½	3¼	17.30

⅞ to ½ in.; one dozen; ⅞ and ⅝ in., one-half dozen in a box.

BELL HANGERS' BITS
CLEVELAND

No. 114E—For Electricians' Use

Polished steel, hardened and tempered. 18 inches long.

Diam., ins.	Weight doz., lbs.	Per dozen
⅞	2¼	\$15.00
¾	2¾	15.50
⅝	3⅞	16.40
⅜	5¼	17.90
⅞	6	19.40
½	6⅞	21.65

One dozen in a box.

TWIST DRILLS

CLEVELAND
BIT STOCK

No. 114—Carbon Steel

For metal or wood; size shank ⅞ x ⅝ x 1¼ in. long.

Diam. ins.	Lgth., ins.	Wt. doz., lbs.	Per dozen
⅞	3⅞	⅜	\$ 2.20
¾	3⅞	⅞	2.30
⅝	3⅞	⅞	2.55
⅜	4⅞	½	3.00
⅜	4⅞	⅞	3.40
⅜	4⅞	⅞	3.85
¼	5⅞	1⅞	4.25
⅜	5¼	1⅞	5.10
⅞	5½	1⅞	6.00
1½	5¾	1¼	6.80
⅝	5⅞	1½	7.30
1½	6	1¾	7.90
⅞	6¼	2	9.00
1½	6⅞	2¼	10.00
⅞	6¾	2⅞	10.90
1½	7½	3⅞	12.20
⅞	7½	3⅞	13.20

⅞ to ½ in., one dozen; 1½ and ⅞ in., one-half dozen in a box.

BIT STOCK IN
SETS

Carbon Steel

For metal or wood.

Per set

No. 14B—Set consisting of 7 No. 114 bit stock drills; sizes ⅞, ¾, ⅝, ⅜, ⅜, ¼, and ⅝ in.; put up in flat case, covered with strong leatherette, green in color, gold embossed; wt. set 1 lb. \$3.70

Ours is especially a House of Service. The biggest word in our establishment is Service—it is the watchword, the keyword, the first word and the last word.

TWIST DRILLS

CLEVELAND

STRAIGHT SHANK, SHORT SET



No. 108—Carbon Steel

No. 917—High Speed Steel

Diam., ins.	Lgth., ins.	Wt. doz., lbs.	No. 108 Carbon Steel Per doz.	No. 917 High Speed Per doz.
⅞	1½	⅞	\$1.56	\$4.25
¾	1¾	⅞	1.58	2.90
⅝	2½	⅞	1.65	3.60
⅜	2⅞	⅞	1.68	3.78
⅜	2¾	⅞	1.70	3.88
⅜	2⅞	⅞	1.74	4.10
⅜	3	⅞	1.80	4.34
⅜	3⅞	⅞	1.86	4.72
⅜	3¼	⅞	1.90	5.10
⅜	3⅞	⅞	2.00	5.46
⅜	3½	⅞	2.26	5.88
⅜	3⅞	⅞	2.50	6.36
⅜	3¾	⅞	2.76	6.96
⅜	3⅞	⅞	3.00	7.60
⅜	4	⅞	3.26	8.20
⅜	4⅞	⅞	3.50	9.20
⅜	4¼	⅞	3.80	10.00
⅜	4⅞	⅞	4.00	10.94
⅜	4½	⅞	4.34	11.84
⅜	4⅞	⅞	4.70	13.05
⅜	4¾	1	5.05	14.30
⅜	4⅞	1	5.50	15.55
⅜	5	1¼	6.00	16.70
⅜	5⅞	1½	6.50	18.25
⅜	5¼	1¾	7.00	19.75
⅜	5⅞	2	7.75	21.25
⅜	5½	2¼	8.50	22.80
⅜	5⅞	2½	9.26	24.30
⅜	5¾	3	10.00	25.80
⅜	5⅞	3¼	11.00	27.65
⅜	6	3½	12.00	29.50

CLEVELAND, BLACKSMITHS'



No. 120—Carbon Steel

For use in blacksmiths' drill presses; ½ in. diameter shank; 2¼ in. long; short set.

Note—No. 120 can be furnished from factory without flat.

Diam. ins.	Lgth., ins.	Wt. doz., lbs.	Per dozen
⅞	4⅞	¾	\$ 5.40
¾	5⅞	⅞	5.40
⅝	5½	1	6.00
⅜	6¾	1¼	6.60
¼	6	1½	7.20
⅜	6	1¾	7.80
⅞	6	2	8.40
1½	6	2¼	9.00
⅝	6	2½	9.60
⅜	6	2¾	10.20
⅞	6	3	10.80
1½	6	3¼	11.40
⅞	6	3½	12.00
⅜	6	3¾	12.60
⅞	6	4	13.20
1½	6	4¼	14.40
⅞	6	4½	15.60
1½	6	5	18.25
⅞	6	6	20.65

AUTOMATIC SCREW DRIVERS

YANKEE SPIRAL RATCHET REGULAR STYLE



Right and Left Hand and Rigid

Drive and draw screws by pushing on the handle or by a ratchet movement, or they can be made rigid as an ordinary screw driver. The movement is changed instantly by a simple shifter. Spindle can be locked closed. Three bits of different sizes furnished with each driver. Chrome plated metal parts, polished hardwood handle.

Standard Pattern

Per dozen
No. 30A—13 in. long when closed,
18 1/4 in. long extended; weight
per dozen 13 1/2 lbs.....\$48.20
One in a box.



Heavy Pattern

Per dozen
No. 31A—16 1/4 in. long when closed,
25 in. long extended; weight
per dozen 22 lbs.....\$64.70
One in a box.



Light Pattern

Per dozen
No. 35—9 1/8 in. long when closed,
12 3/8 in. long extended; weight
per dozen 7 1/2 lbs.....\$35.80
One in a box.

QUICK RETURN STYLE

Right and Left Hand and Rigid

Spring pressure keeps blade in screw slot and pushes handle back after each stroke so driver can be used with one hand, if the other is holding work and cannot reach.

Drive and draw screws by pushing the handle or by a ratchet movement, or they can be made rigid as an ordinary screw driver. The movement is changed instantly by a simple shifter. Spindle can be locked closed. Three bits of different sizes furnished with each driver. Chrome plated metal parts, polished hardwood handle.



Standard Pattern

Per dozen
No. 130A—14 3/4 in. long when closed,
20 in. long extended; weight
per dozen 15 lbs.....\$55.00
One in a box.



Heavy Pattern

Per dozen
No. 131A—19 1/4 in. long when closed,
27 1/2 in. long extended; wt.
per dozen 24 lbs.....\$74.30
One in a box.

SCREW DRIVER BITS

YANKEE



Per dozen sets

No. 30B—3 assorted bits, 1/8, 1/4 and 3/8 in. wide, for Nos. 30A and 130A Yankee screw drivers; weight per set 2 oz.....\$10.10

No. 31B—3 assorted bits, 1/4, 3/8 and 1/2 in. wide, for Nos. 31A and 131A Yankee screw drivers; weight per set 2 oz.....10.10

No. 35B—3 extra long assorted bits, for No. 35 screw driver, 1/8, 3/8 and 1/2 in. wide; weight per set 3 oz.....10.10
One set in an envelope.

Straight Sizes

For Nos. 30A and 130A screw driver.

Size in.	1/8	1/4	3/8
Per dozen	\$3.36	3.36	3.36

For No. 35 screw driver.

Size, in.	1/8	3/8	1/2
Per dozen	\$3.36	3.36	3.36

For Nos. 31A and 131A screw driver.
Size, in. 1/4 3/8 1/2
Per dozen\$3.36 3.36 3.36
Open stock.

CHUCKS AND DRILLS



YANKEE



Illustrations Half Size.

For Yankee Spiral Ratchet Screw Drivers

Per dozen sets

No. 30C—Chuck and 8 drills 1/8 to 1 1/2 in. for Nos. 30A and 130A Yankee screw drivers; weight per dozen sets 1 1/4 lbs.....\$15.00

No. 31C—Chuck and 8 drills 1/8 to 1 1/2 in. for Nos. 31A and 131A Yankee screw drivers; weight per dozen sets 1 1/4 lbs.....15.00
One set in a wooden box.

SCREW DRIVERS

YANKEE RATCHET



No. 10—Right and Left Hand and Rigid
Bits forged from best cast steel properly tempered and polished; polished hardwood handles; metal parts chrome plated. Slide in handle for changing direction.

Length blade, in....	3	4	5
Length over all, in.	7 1/4	8 3/4	9 3/4
Weight dozen, lbs..	3	3 3/8	3 3/8
Per dozen	\$12.90	13.80	15.20

Length blade, in....	6	8
Length over all, in.	11 1/2	13
Weight dozen, lbs.	4 5/8	5 3/8
Per dozen	\$17.10	19.30

One-half dozen in a box.

SCREW DRIVERS

YANKEE RATCHET



No. 15—Right or Left Hand and Rigid
Polished cast steel blade, chrome plated parts, polished hardwood handle.
Length blade, in.... 2 3 4
Length over all, in. 4 7/8 5 7/8 6 7/8
Weight dozen, lbs.. 1 3/8 1 1/2 1 5/8
Per dozen\$11.60 12.10 12.80

STANLEY STANLOID



No. 1006—Heavy Round Blade, Standard Tip

One piece steel blade and bolster; handle and blade permanently fastened together; tip cross ground, forged and heat treated; handle, shock-proof; fluted for a comfortable grip.

Length blade, in....	4	6	8
Length over all, in..	7 3/4	10 1/4	13
Weight dozen, lbs..	3 1/2	4 1/2	8
Per dozen	\$12.00	16.00	20.00

The 8 in. size has nut shaped bolster.

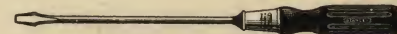
HURWOOD



No. 25—With Insulated Head

Bolster type construction. Four wings swedged on bolster lock blade in handle. Blade in tempered entire length and highly polished. Black satin finish fluted hardwood handle.

Length blade, in....	3	4	5
Length over all, in..	7 1/2	9	10 3/4
Weight dozen, lbs..	2	2 3/4	4 1/4
Per dozen	\$6.00	6.70	7.30
Length blade, in....	6	8	10
Length over all, in..	11 3/4	15	17
Weight dozen, lbs..	5	8	8 1/2
Per dozen	\$8.00	10.70	13.30



No. 55—With Insulated Head

Blade, shank and head forged from one piece of steel; black finished handles, 1/8 in. diameter blades.

Length blade, in....	3	4	5
Length over all, in..	7 1/2	8 1/4	9 3/8
Weight dozen, lbs..	1 1/4	1 1/2	1 1/2
Per dozen	\$5.30	6.70	7.30
Length blade, in....	6	8	
Length over all, in.	10 3/8	12 1/4	
Weight dozen, lbs.	1 3/4	1 3/4	
Per dozen	\$8.00	9.30	

All above, one-half dozen in a box.

STANLEY



No. 270—Standard Blade and Tip

Tempered steel blade, fluted hardwood handle.

Length blade, in....	3	4	5
Length over all, in..	6 5/8	8	10 1/8
Weight dozen, lbs..	1 1/8	1 7/8	3 1/2
Per dozen	\$3.30	3.60	3.90
Length blade, in....	6	8	
Length over all, in.	11 1/8	14 1/8	
Weight dozen, lbs.	3 5/8	5 1/4	
Per dozen	\$4.00	4.80	

One dozen in a box.

SCREW DRIVERS

STANLEY CLOSE QUARTER



Polished steel blade, hardwood handle.

Per dozen
No. 222—1½ in. blade, 3¼ in. long
over all; wt. per dozen 1 lb. ..\$4.00
One-half dozen in a box.

SCREW DRIVER ASSORTMENTS

STANLEY



Per assortment

No. 270A—Consists of one dozen
No. 270 screw drivers as de-
scribed, 4 each of 4, 5 and 6 in.
sizes, complete with display,
weight each 2½ lbs.\$4.00
One assortment in a box.

VLCEK "INSULGRIP"



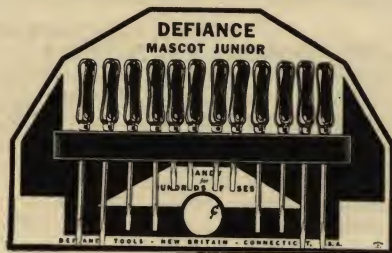
Round Shank, Polished Blades

Carefully tempered high grade steel
blades, brightly polished; insulated black
moulded handle offers a firm grip.

Per assortment
No. ASR—Consists of 12 assorted
screw drivers, three with ½x3
in. blade, five with ¼x4½ in.
blade and four with ¼x6 in.
blade, in a merchandiser dis-
play; wt. per assortment 3 lbs. \$2.40
One assortment in a box.

SCREW DRIVER ASSORTMENTS

DEFIANCE MASCOT JUNIOR

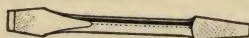


Tempered steel burnished blades locked
into red lacquered handles.

Per assortment
No. 121½A—Consists of one dozen
assorted screw drivers, 4 each
1½, 2 and 3 in. blades; wt. per
assortment ¾ lb.\$1.20
One assortment in a box.

SCREW DRIVER BITS

STANLEY



No. 26—Cross Ground Tips

Forged from crucible steel, oil tempered
and polished; points carefully formed
and ground.

Tip, inches	¼	⅝	¾
Length, in.	4½	4¾	5
Wt. dozen, lbs.	¾	1½	1½
Per dozen	\$3.20	3.30	3.50

One dozen in a box.

PLUMB BOBS

PEXTO



Refined cast iron, japanned,
adjusted top.

Nos.	1	1¼
Wt. each, oz. ..	9	18
Diam., in.	1½	1¾
Wt. doz., lbs.	6¾	14½
Per dozen	\$1.80	3.30

No. 1, one dozen; No. 1¼,
one-half dozen in a box.

CHALK LINE REELS



Polished hardwood.

Per dozen
No. 12—3 in. long, 2 in. diam.; wt.
per dozen 1 lb.\$3.10
Three dozen in a box.

CHALK LINES

IN BALLS



White cotton, twist-
ed.

Per dozen
No. 21—21 ply, in
50 ft. balls; wt.
doz. ½ lb.\$1.20
No. 124—24 ply,
in 100 ft. balls;
wt. doz. 1 ¼
lbs. 2.10

One dozen balls in a box.

MASONS' LINES

IN HANKS



Yellow cotton,
twisted, hard laid
21 ply.

An exceptional-
ly high grade
masons' line in
100 ft. hanks.

Per dozen
No. 11—2 ply, in 100 ft. hanks ...\$2.60
One dozen hanks in a box.

SCHOOL CRAYONS

WHITE



Excellent qual-
ity, free from
impurities.

White

Per box
Hygeia, dust-
less\$1.20
White Anti-
septic .. 1.10
Sterling, Soft
White .. .70

Weight per box 4 lbs.

One gross sticks in a box.

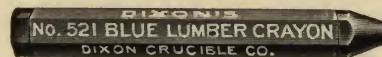
CARPENTERS' CHALK



Half round
cakes. 2¼ in. di-
ameter.

Per gross
Blue—Wt. per
gro. 10 lbs.
.....\$3.40
One-half gross in
a box.

LUMBER CRAYONS



Black Graphite

Per gross
No. 361—4½ in. long, ½ in. diam-
eter\$10.80

Colored, Paper Covered

Per gross
No. 494—Black, 4½ in. long, ½ in.
diameter\$19.20
No. 496—Yellow, 4½ in. long, ½ in.
diameter 19.20
No. 520—Red, 4½ in. long, ½ in.
diameter 19.20
No. 521½—Blue, 4½ in. long, ½
in. diameter 19.20
Weight per gross 10½ lbs.
One dozen in a box; half gross
in a carton.

METAL WORKERS' CRAYONS



Soapstone, for use in steel mills, found-
ries, etc.

Per gross
No. 524—5 in. long, ½ in. wide, ⅝
in. thick; wt. per gross 10 lbs. \$6.50
One gross in a box.

LEAD PENCILS
DIXON



"Ticonderoga"

Hexagon, rounded edges, yellow finish, beautiful gilt tip with double yellow rings, red rubber.

A standard office pencil of superior merit. Its high reputation is due to the strength and smoothness of its lead, its "pleasing-to-the-fingers" shape and the effectiveness of its rubber tip in erasing.

Nos.	1386-2	1386-2½	1386-3
Grade lead	2	2½	3
Per gross	\$9.60	9.60	9.60

Weight per gross 2¾ pounds.

One dozen in a box, one-half gross in a carton.

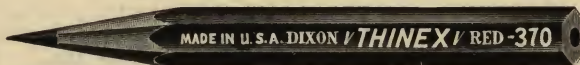


"Aerial"

Hexagon, assorted finished, nickel tip, white rubber.

No. 2280—Grade 2 lead; weight per gross 2½ lbs.	Per gross \$2.50
One-half gross in a box.	

COLORED PENCILS
DIXON



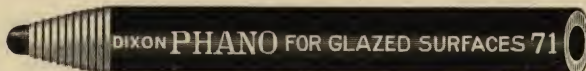
"Thinex"

Permanent colors, do not run, fade or smear, safe to use on drawings and blue prints, retain a fine point and make a thin line. Hexagon shape, finish same color as lead.

No. 369—Red; weight per gross 2½ lbs.	Per gross \$19.20
No. 376—Blue; weight per gross 2½ lbs.	19.20

One dozen in a box, one-quarter gross in a carton.

GLASS AND CHINA MARKING PENCILS
DIXON



"Phano" Paper Wrapped

For marking glazed surfaces, cellophane, cutlery, etc.

No. 77—Black; weight per gross 3 lbs.	Per gross \$30.00
One dozen in a box, one-half gross in a carton.	

CARPENTERS' PENCILS
DIXON



"Red and Black"

Flat, beveled shape, red panels, black bevels, hard lead.

Nos.	997H	998H
Length, in.	7	9
Wt. per gross, lbs.	4½	5
Per gross	\$11.00	17.00

One dozen in a bundle, one-half gross in a box.



Oval, Polished Cedar Finish

No. 410—7 in. long; weight per gross 4 lbs.	Per gross \$9.60
One-half gross in a box.	

LEAD PENCILS
SCRIPTO



Beautiful and unbreakable Oxilite barrel; foolproof mechanism; specially designed tip allows heavy pressure without breaking the lead; worn erasers are easily replaced; guaranteed against mechanical defects; loads from the point with long lead.

Per assortment

No. 412—Easel, contains 12 pencils, assorted round and hexagon, in black, red, blue, green, yellow and purple, nickel plated tip, ferrule and clip, 5¼ in. long on 9x11 in. easel; wt. per assortment 9½ ozs. \$1.60

SCRIPTO PEARL

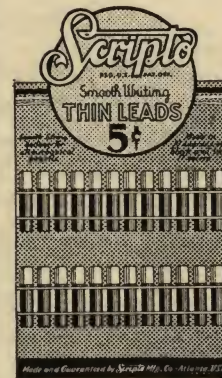
Lustrous pearl barrels; propels, repels and expels leads; has removable clip; loads from the point, nothing to take apart.

Per assortment

No. P412—Easel—Contains 12 pencils, round shape, assorted white, blue, red, green, purple, yellow and gray; decorated with black bands; nickel plated tip, ferrule and clip, 5¼ in. long, on 9x11 in. easel; weight per assortment 9¾ ozs. \$2.40

One assortment (easel) in a carton.

SCRIPTO LEADS



Recognized as the finest writing lead made. Their smoothness, strength, uniformity and non-smearing quality will surprise the user.

Per carton

No. 1124—Two dozen 5c packs on an easel, short lead, HB degree lead; weight per dozen cartons 1½ lbs. \$1.60

No. 3424—Two dozen 5c packs, long leads HB degree; weight per dozen cartons 1¾ lbs. 1.60

SCRIPTO ERASERS

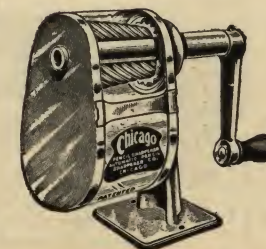


Per carton

No. 85 Pack—Contains 5 erasers, twelve packs to a carton; weight of 12 cartons 1½ lbs. \$0.80

We do not break cartons.

PENCIL SHARPENERS
APSCO



For Standard Size Pencils

Each

Chicago—4 in. high; nickel plated cast base and steel frame; transparent celluloid shaving receptacle; weight each 2 lbs. \$1.70

One in a box.

PLUMBS AND LEVELS

STANLEY NON-ADJUSTABLE WOOD

Fine hand rubbed seasoned cherry stock, proved glasses set solid in plaster and cannot be adjusted, brass top plates. Handy finger grips for convenience in handling.



No. 102—Level Only
2 3/8 x 1 1/8 in. stock.

Length, in.	12	14	16
Wt. doz., lbs.	10 1/2	12	13 1/2
Per dozen	\$15.36	16.80	17.28

One dozen in a box.



One Level and One Plumb

No. 104—2 3/8 x 1 1/8 in. stock; length	Per dozen
18 in.; wt. per doz. 15 lbs.	\$22.35

One dozen in a box.



No. 0—One Level and One Plumb
2 3/4 x 1 1/8 in. stock.

Lgth., in. ...	24	26	28	30
Wt. doz., lbs. 21	24	25 1/2	27	
Per dozen ..	\$25.80	27.10	28.80	30.50

One-half dozen in a box.

STANLEY ADJUSTABLE WOOD

Same construction as above but the glasses are adjustable.



No. 3—One Level and One Plumb
Brass Tips

Lgth., in. ...	24	26	28	30
Wt. doz., lbs. 36	37 1/2	39	45	
Per dozen ..	\$40.10	41.50	43.20	44.85

One-half dozen in a box.

STANLEY DUPLEX ADJUSTABLE



No. 30—Two Levels and One Plumb
Brass Tips

Lgth., in. ...	24	26	28	30
Wt. doz., lbs. 37 1/2	39	42	45	
Per dozen ..	\$54.60	54.60	59.40	60.60

One-half dozen in a box.

STANLEY LIGHT WOOD
NON-ADJUSTABLE

No. 347—One Level and One Plumb		
2 $\frac{7}{8}$ x 1 $\frac{1}{8}$ in. stock, orange finish; protected glasses.		
Length, in.	18	24
Wt. doz., lbs.	12	16 $\frac{1}{2}$
Per dozen	\$14.40	16.20
One in a box.		

One in a box.

PLUMBS AND LEVELS
STANLEY ALUMINUM

Two Levels and Four Plumbs

Light in weight and easy to handle; they will not rust or warp; glasses are marked with heavy indelible black lines. Truss construction frame 2 3/8 x 1 1/8 in., will plumb or level either side up, protected glasses.

The tops and bottoms are milled to insure two perfectly parallel surfaces. Each

No. 313—24 in. long; wt. each 2 lbs. \$2.70
One in a box.

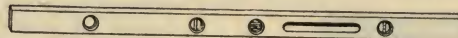
SAND'S ALUMINUM



Two Levels and Four Plumbs
Protected glasses.

Nos.	28	30
Stock, in.	2 1/4 x 1 1/8	2 1/4 x 1 1/8
Length, in.	28	30
Wt. each, lbs.	2 1/2	2 3/4
Each	\$8.00	8.70

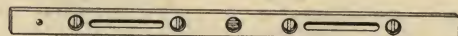
One in a box.

MASONS' PLUMBS AND
LEVELS
SAND'S

Two Levels and Two Plumbs

Seasoned California pine stock 2 1/2 x 1 1/4 in., finished with three coats of red weatherproof paint; will plumb or level either side up; protected glasses.

No. 1A—48 in. long; wt. per doz.
30 lbs. \$48.00
One in a box.



Two Levels and Four Plumbs

Seasoned California pine stock 2 1/2 x 1 1/4 in., finished with three coats of red weatherproof paint; will plumb or level either side up; protected glasses.

No. 3A—48 in. long; wt. per doz.
30 lbs. \$60.00
No. 7A—Brass bound, otherwise
same as No. 3A; wt. per doz.
40 lbs. 84.00
One in a box.

STANLEY



One Level and Two Plumbs

Seasoned light wood stock 3 3/4 x 1 1/8 in., weatherproof orange lacquer finish, "Handy Grip." Provided with 3 3/4 in. opening for plumb bob, adjustable with proved glasses.

No. 45 1/2—48 in. long; wt. per doz.
60 lbs. \$99.60
One-half dozen in a box.



Two Levels and Four Plumbs

Seasoned light wood stock 2 7/8 x 1 1/8 in., weatherproof orange lacquer finish, "Handy Grip" proved glasses, non-adjustable. Will plumb or level either side up, protected glasses.

No. 250—48 in. long; wt. per doz.
33 lbs. \$60.00
No. 251—Aluminum bound, other-
wise same as No. 250; wt. per
doz. 36 lbs. 92.15
One-sixth dozen in a box.

MASONS' PLUMBS AND
LEVELS
SAND'S ALUMINUM

With Two Levels and Four Plumbs

High grade aluminum, strong and light, protected glasses, will plumb or level either side up.

No. 42—42 in. long, 2 1/4 in. wide,
1 1/8 in. thick; wt. each 3 1/2 lbs. \$12.00
One in a box.

METALLIC LEVELS
STANLEY

No. 36—With Eclipse Covers
One Level and Two Plumbs

Japanned finish, nickel trim.			
Length, in.	12	18	24
Wt. each, lbs.	1 1/4	2	3
Each	\$3.85	4.60	5.20

One in a box.

MACHINISTS' IRON
LEVELS
STANLEY

Nickel plated iron body, bottom milled, ground glasses, Eclipse covers which can be turned to protect glasses. Positive screw adjustment.

No. 34—6 in. long; wt. each 3/4 lb. \$3.60
One in a box.



Nickel plated iron body, proved glass.

No. 39 1/2—6 in. long; wt. per dozen
7 lbs. \$19.20
One-half dozen in a box.

POCKET LEVELS
EMPIRE ALUMINUM TORPEDO

Cast aluminum, reinforced bottom and ends, removable top plate, one plumb, one level and one 45 degree vial, groove bottom, can be carried in pocket.

No. 27E—8 1/4 in. long, 1/2 in. thick,
1 1/8 in. high; wt. each 3 1/2 ozs.;
wt. per doz. 3 lbs. \$19.20
One-half dozen in a box.

STANLEY

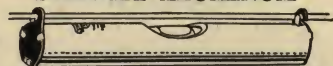


For Use on Straight Edge or Square
Japanned iron body with brass top plate. Proved glass.

No. 41—3 1/8 in. long; wt. per doz.
1 1/4 lbs. \$4.80
One dozen in a box.

LINE LEVELS

STANLEY ALUMINUM



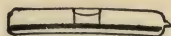
With Safety Hooks

Patented guards on hooks make it practically impossible to shake level from a line. Flat bottom makes it adaptable for surface leveling. Aluminum body, proved glass set solid in plaster.

Per dozen
No. 187—3¼ in. long; weight per
dozen ¾ lb.\$8.00
One in a metal box; one-half dozen in
a display carton.

LEVEL GLASSES

STANLEY



No. 208—Prooved

Extra thick tubing; marked at crown-
ing point by two indelible lines.

Length, in.	1	1¼	1½	1¾	2
Wt. dz., oz.	2	3	4	5	6
Per dozen	\$1.30	1.30	1.30	1.30	1.35

Length, in.	2¼	2½	3	3½
Wt. dozen, oz.	7	8	9	10
Per dozen	\$1.40	1.45	1.60	1.75

One dozen in a box.

LEVEL SIGHTS

STANLEY



For use on either wood or metal levels.
Made of wrought brass with black nic-
kel finish.

To use on wood levels place thumb
screw in the lower tapered hole, for
metal levels in the upper tapered hole.

Per dozen pairs
No. 138—For levels ⅞ to 1⅞ in.
thick; wt. per dozen pairs 4½
lbs.\$19.20

One pair in a box.

GAUGES

STARRETT WIRE



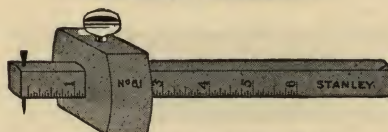
English Standard

Decimal equivalents stamped on back,
tested after hardening, black finish; also
known as Birmingham or Stubs gauge.

Each
No. 189—2 in. diameter gauges 6 to
36 wire; wt. each 3 ozs.....\$4.25
Two in a box.

GAUGES

STANLEY MARKING



Fixed Steel Marking Point

Square beechwood head, oval beechwood
bar, boxwood thumb screw.

Per dozen
No. 61—8½ in. long, bar marked
16ths, weight per dozen 3 lbs...\$4.70
One dozen in a box.

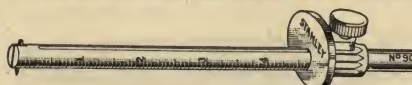


Adjustable Steel Marking Point

Square boxwood head, oval boxwood
bar, brass thumb screw and face plate.

Per dozen
No. 65—8½ in. long, graduated in
16ths for 6 in., wt. per dozen
2¾ lbs.\$15.60
One-half dozen in a box.

STANLEY METAL BAR MARKING

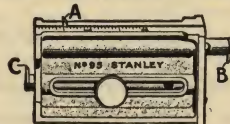


Nickel Plated, Steel Bar

Single faced, nickel plated metal head,
steel pin point.

Per dozen
No. 90—6½ in. long, bar marked
16ths, weight per dozen 3 lbs..\$12.60
One in a box.

STANLEY METAL BUTT



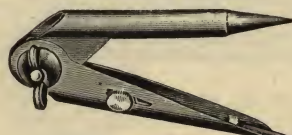
Butt, Rabbet and Mortise Gauge

Iron body, steel bars, nickel plated,
three cutters.

Per dozen
No. 95—3 in. long, bar graduated
16ths, weight per dozen 7½ lbs.\$27.60
One in a box.

SCRIBERS

GEM NEW STYLE



Adjustable Steel Point

Polished stamped steel, one leg with
adjustable point and one to hold pencil.

Per dozen
No. 10—3½ in. long; weight per
dozen 1½ lbs.\$2.50
One dozen in a box.

CALIPERS

INSIDE

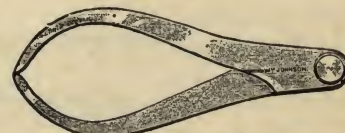


No. 110—Polished Steel, Firm Joint

Length, in.	4	5
Wt. doz., lbs.	¾	1½
Per dozen	\$3.40	3.70

One-half dozen in a box.

OUTSIDE

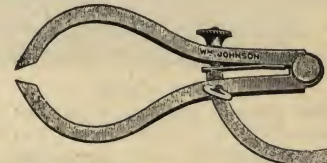


No. 111—Polished Steel, Firm Joint

Length, in.	4	6
Wt. dozen, lbs.	¾	2
Per dozen	\$3.40	4.30

One-half dozen in a box.

WING



No. 109—Polished Steel

Length, in.	6	8	10
Wt. dozen, lbs.	3½	4¾	8¼
Per dozen	\$12.70	15.35	18.00

One-half dozen in a box.

WING DIVIDERS

PEXTO



No. 35—Forged Steel, Polished

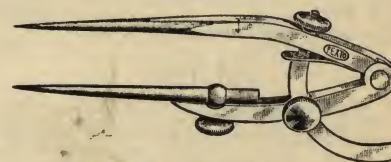
Length, in.	6	7	8	10
Wt. doz., lbs.	3½	4¼	4½	8
Per dozen	\$10.50	11.90	13.00	17.60

One-half dozen in a box.

EXTENSION WING

DIVIDERS

PEXTO



No. 9—One Movable Leg

Forged steel, polished, brass joints.

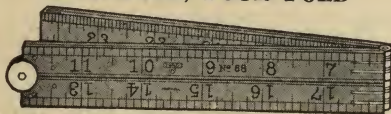
Point can be lengthened or shortened
as required or a pencil may be substituted
in its place if desired.

Length, in.	8
Wt. dozen, lbs.	5¾
Per dozen	\$22.00

One-half dozen in a box.

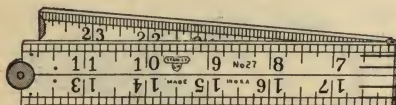
BOXWOOD RULES

TWO FOOT, FOUR FOLD



Round Joint, Middle Plates

No. 68—1 in. wide, marked 8ths and 16ths in.; weight per dozen 1 1/4 lbs. \$2.10
One dozen in a box.



Round Joint

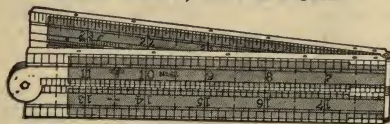
Hardwood; large and clearly printed figures and graduations; 8ths and 16ths inch graduations. Per dozen
No. 27—1 in. wide; wt. per dozen 1 1/4 lbs. \$1.90
One dozen in a box.



Square Joint

Middle plates; marked 8ths and 16ths of inches. Per dozen
No. 61—1 in. wide; wt. per dozen 1 1/4 lbs. \$6.10
One-half dozen in a box.

TWO FOOT, FOUR FOLD



Square Joint, Full Bound, Drafting Scales

Per dozen
No. 62—1 in. wide, marked 8ths, 10ths, 12ths and 16ths in.; wt. per dozen 2 1/4 lbs. \$16.10
One-half dozen in a box.

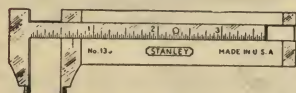
THREE FOOT, FOUR FOLD



Arch Joint, Middle Plates

Per dozen
No. 66 1/2—1 in. wide, marked 8ths and 16ths in.; weight per dozen 2 lbs. \$10.70
One-half dozen in a box.

CALIPER

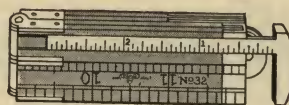


Four Inch, Pocket

Caliper head is milled for inside and outside calipering. Ideal for imprinting to be distributed as an advertising novelty. 16ths and 32nds graduations. Per dozen
No. 136—4 in. long, 1 1/8 in. wide, wt. per dozen 3/4 lb. \$8.00
One dozen in a box.

BOXWOOD RULES

ONE FOOT, FOUR FOLD



Arch Joint, Edge Plates, Brass Caliper Slide

Per dozen
No. 32—1 in. wide, marked 8ths, 10ths, 12ths and 16ths in.; left hand caliper graduated in 16ths and 32nds; wt. per doz. 1 1/4 lbs. \$16.25
One-half dozen in a box.

ZIG-ZAG RULES

STANLEY

Stanley "Zig-Zag" rules are noted for their accuracy, wearing qualities and fine finish.

The wood is carefully selected for strength and straight grain. The tips strike plates and joints are brass plated. All rules have direction arrows and are graduated in 16ths of inches both sides.



Yellow Enamel Finish, Green Ends,
concealed joints, chromium plated trimmings, 6 inch folds, 5/8 inch wide.

Nos.	05	06
Length, ft.	5	6
Wt. per dozen, lbs.	2 1/2	3
Per dozen	\$6.40	8.00

White Enamel Finish, Green Ends

Concealed joints, chromium plated trimmings, 6 inch folds, 5/8 inch wide.

No.	106
Length, ft.	6
Wt. per dozen, lbs.	3
Per dozen	\$9.60

One-half dozen in a box.



Rivet joints, stainless and rustproof, direction arrows, numbering begins on inside of rule, graduations always lie close to work. 6 inch folds, 5/8 in. wide.

	Yellow	White
Nos.	406F	506F
Length, ft.	6	6
Wt. dozen, lbs.	3	3
Per dozen	\$8.80	9.60

One-half dozen in a box.

ZIG-ZAG RULES

STANLEY "VICTOR"



Rivet joints, brass plated trimmings graduated in 16ths of inches on both sides, 6 inch folds, 5/8 in. wide.

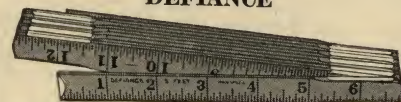
Yellow Enamel Finish

Nos.	805	806
Length, ft.	5	6
Wt. dozen, lbs.	2 1/2	3
Per dozen	\$5.65	6.50

White Enamel Finish

Nos.	855	856
Length, ft.	5	6
Wt. dozen, lbs.	2 1/2	3
Per dozen	\$6.25	7.20

DEFIANCE



Durable concealed joints hold rule rigid when opened, 6 in. folds, 5/8 in. wide.

Yellow Enamel Finish

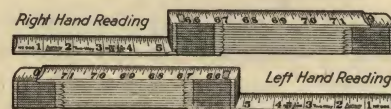
Per dozen
No. 86—Length 6 ft.; weight per dozen 2 3/4 lbs. \$2.50

White Enamel Finish

Per dozen
No. 96—Length 6 ft., wt. per dozen 2 3/4 lbs. \$2.70

SPRING JOINT RULES

LUFKIN TWO-WAY



Flexible, spring joints, rust-proof metal trimmings, 6 in. folds, 5/8 in. wide; marked consecutive 16ths both sides.

An ideal rule for all mechanics. The "Two-Way" is adapted to measuring left to right or right to left, figures are always right side up. Per dozen

No. 966—6 ft. long, white enamel finish, bright red ends, wt. per dozen 3 lbs. \$10.00

STANLEY EXTENSION



Direct Reading

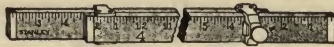
Concealed joints, stainless trimmings 8 inch folds, 5/8 inch wide, 8 inch brass slide, four way readings. On inside measurements, reading of slide and rule are centered at one point, no chance for mistakes. It may be used like an ordinary extension rule for inside measurements and as a regular "Zig Zag" rule for outside measurements, starting from either end of rule.

White Enamel Finish, Green Ends

Per dozen
No. 226—6 ft. long, plus 8 in. slide; wt. per dozen 5 1/2 lbs. \$19.20
All above, one-half dozen in a box.

EXTENSION RULES

STANLEY



Polished maple, brass trimmings, for accurately measuring distance between two fixed points, when extended to required length, the section may be secured by set screw, 1 in. wide, graduated in 8ths of inch.

Nos.	240	510
Length, ft.	2 to 4	5 to 10
Wt. dozen, lbs.	6½	14
Per dozen	\$28.30	44.50

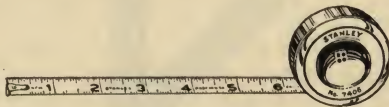
One dozen in a package.

"PUSH-PULL" RULES

STANLEY

Flexible and rigid steel blades, perform the duties of a measuring stick for measurements beyond arm's reach and serve as a measuring tape; small, handy and may be carried in vest pocket when not in use.

Beautiful, two-tone chromium plated case with black enamel filled design and red Four Square. Hook on end of blade.



No. 7406—6 ft. long, 5/8 in. blade, 2 1/8 in. case; wt. each 1 1/2 ozs..	Per dozen \$17.20
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One in a box.

Steel case with gun black finish and red enamel filled design. Lacquered blade. Hook on end of tape.



No. 1266A—6 ft. long, 1/2 in. blade, 2 in. case	Per dozen \$12.00
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One in a box.

Attractive black steel case, has target rings which give a good grip. Hook on end of tape.



No. 7506—6 ft. long, 5/8 in. blade, 2 3/8 in. tape	Per dozen \$9.60
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One in a box.

CIRCUMFERENCE RULES

TINNERS' STEEL



16 Gauge, 3 ft. Long, 1 1/4 in. Wide

One side marked standard inches and 16ths on upper edge, on lower edge circumference inches and 8ths. Opposite side gives dimensions of measures of various capacities as follows: Liquid measure—Flaring, 1/4 pt. to 5 gals. Dry measure—Flaring, 1/4 to 2 bushels. Dry measure—Straight, 1 qt. to 3 bushels. Cans—Pitched top, 1 to 10 gals. Cans—Flat top, 1 to 100 gals.

No. 95—Plain; wt. each 3/4 lb....	Each \$5.70
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One in a package.

TINNERS' RULES

MAGIC PATTERN



Nickel Plated Steel Bar

For laying out sheet metal elbow patterns up to 14 inch diameter and at any angle desired in a few minutes' time.

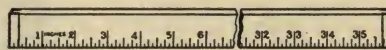
Complete with pattern chart showing elbow diagrams and rules for cutting all kinds of flaring, oval, cylindrical and oval shaped vessels, etc.

No. 5—4 ft. long, 7/8 in. square, marked in circumference inches on the front and in inches and eighths on the back, with two sliding trammel points, three flexible steel ribbons of different gauges, size chart 19x23 in.; complete in hinged wooden case; wt. each 6 1/2 lbs.	Each \$22.50
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One in a box.

YARD STICKS

STANLEY



3 feet long, graduated 8ths of inches on one side and fraction of yards on the other.

No. 41—Maple, brass tips, 1 in. wide; wt. per dozen 3 3/4 lbs...	Per dozen \$8.40
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One dozen in a package.

MEASURING TAPES

CHALLENGE STEEL



ish steel tape, marked feet, inches and 8ths, one side only.

Nos.	260	263	265	266
Lgth., ft.	25	50	75	100
Wt. ea., ozs...	8	11	17	21
Each	\$6.85	8.40	10.90	14.30

One in a box.

MEASURING TAPES

CHALLENGE JUNIOR STEEL

Instantaneous Reading



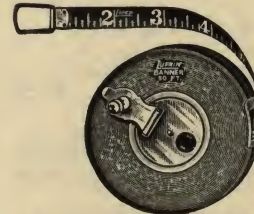
Leather case; folding flush handle; nickel plated trimmings; 1/4 inch nubian finish steel tape marked feet, inches and 16ths, one side only.

No. 1263—50 ft.; wt. each 7 ozs...	Each \$8.00
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One in a box.

BANNER STEEL

Instantaneous Reading



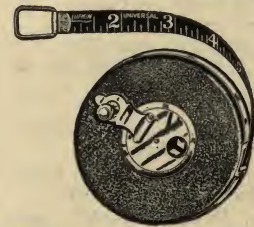
Leatherette case; folding flush handle nickel trim; 3/8 in. nubian finish steel tape, marked feet, inches and 8ths, one side only.

Nos.	553	555	556
Lgth., ft.	50	75	100
Wt. ea., ozs.	11	17	19
Each	\$6.60	8.55	10.90

One in a box.

UNIVERSAL STEEL

Instantaneous Reading



Imitation leather case; folding flush handle; nickel trim, 3/8 in. nubian finish steel tape, marked feet, inches and 8ths, one side only.

Nos.	540	543	545	546
Length, ft.	25	50	75	100
Wt. ea., ozs.	6	10	15	17
Each	\$3.90	4.30	6.00	7.40

One in a box.

LUFKIN METALLIC

Instantaneous Reading



Leather case, folding handle; nickel trim; 5/8 in. metallic warp linen tape, marked feet and 12ths, one side only.

Nos.	500	503	505	506
Length, ft.	25	50	75	100
Wt. each, ozs. ...	9	15	21	24
Each	\$4.90	7.00	8.80	11.05

One in a box.

LUFKIN ASSES' SKIN

Waterproof



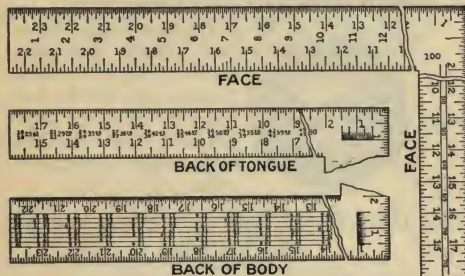
Brass bound case; folding handle; brass trim; 1/2 inch cotton tape marked feet and inches, on one side only.

Nos.	710	713	715	716
Length, ft.	25	50	75	100
Wt. doz., lbs.. 2 3/4	4	5 3/4	7	
Per dozen	\$7.60	9.95	15.00	19.90

One in a box, one-half dozen in a carton.

STEEL SQUARES

NICHOLLS REGULAR STANDARD



Two Foot Polished

Each

No. 100—Body 24x2 in.; tongue 16x 1½ in.; marked ⅛, ⅜, ½, ⅞, 1, 1¼, 1½, 1¾, 2; brace, octagon and Essex board measure 1/100 scale\$2.20

No. 3—Body 24x2 in.; tongue 16x 1½ in.; marked ⅛, ⅜, ½, ¾; brace and Essex board measure 2.10

No. 414—Body 24x2 in.; tongue marked ⅛, ¼ and Essex board measure, brace and octagon scale 1.50

Two Foot Nickel Plated

Each

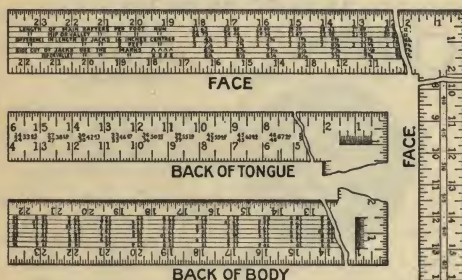
No. 100N—Body 24x2 in.; tongue 16x1½ in.; marked ⅛, ⅜, ½, ⅞, 1, 1¼, 1½, 1¾; brace, octagon and Essex board measure 1/100 scale.\$2.80
Weight per dozen 25 pounds.

One Foot Polished

Each

No. 10—Body 12x1½ in.; tongue 8x1 in.; marked ¼, ½ and ¾; wt. per doz. 10 lbs.\$1.40

NICHOLLS FRAMING



Two Foot Oxidized

Each

No. 100A—Body 24x2 in.; tongue 16x1½ in.; marked ⅜, ⅞, 1, 1¼, 1½, 1¾; rafter or framing, brace, octagon, Essex board measures and 100th scale\$4.30

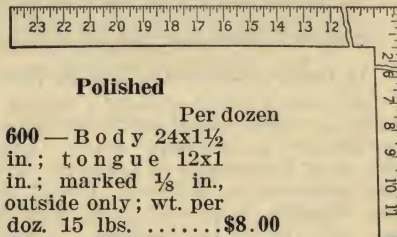
Two Foot Stainless Steel

Each

No. 100RS—Body 24x2 in.; tongue 16x1½ in.; marked ⅜, ⅞, 1, 1¼, 1½, 1¾; rafter on framing, brace, octagon, Essex board measure and 100th scale; wt. per doz. 25 lbs.\$5.80

All above, one-quarter dozen in a box.

COMMON FLAT STEEL SQUARES



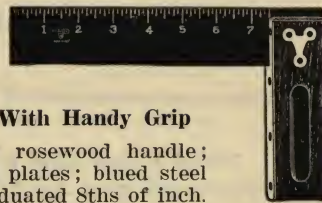
Polished

Per dozen

No. 600—Body 24x1½ in.; tongue 12x1 in.; marked ⅛ in., outside only; wt. per doz. 15 lbs.\$8.00
One-half dozen in a box.

TRY SQUARES

STANLEY WOOD HANDLE



No. 20—With Handy Grip

Polished rosewood handle; brass face plates; blued steel blade. Graduated 8ths of inch.

Length blade, in. ...	6	7½	9
Length handle, in. .	4½	5¾	6
Wt. per doz., lbs. .	4¼	5¾	7¼
Per dozen	\$10.00	10.40	12.80

One-half dozen in a box.

TRY AND MITRE SQUARES

STANLEY WOOD HANDLE



No. 2—With Handy Grip

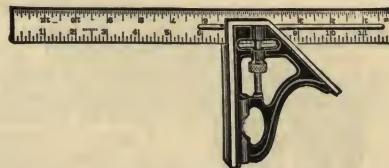
Polished rosewood handle; brass face plates; blued steel blade; graduated 8ths of inches.

Length blade, in. .	6	7½	9
Length handle, in. .	3½	4¾	5¾
Wt. per doz., lbs. .	4	6	7
Per dozen	\$15.20	17.30	20.90

One-half dozen in a box.

COMBINATION SQUARES

DEFIANCE ADJUSTABLE



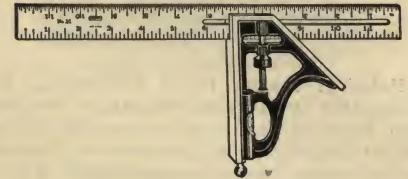
Cold rolled steel blade, accurately graduated 8ths on one side and 16ths on the other. Blade is removable for use as a straight edge. Iron head finished in black.

	Per dozen
No. 1221—12 in. blade; wt. per doz.	
12 lbs.	\$11.30

One in a box.

COMBINATION SQUARES

STANLEY ADJUSTABLE



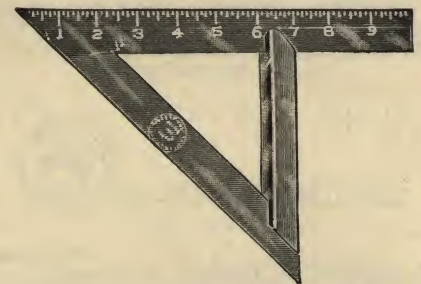
No. 21—With Level and Scriber

Highly polished, cold rolled, tempered steel blade, edge ground square and parallel; reversible; graduated in 8ths, 16ths and 32nds of inches. Iron head fitted with proved level glass and removable scratch awl; working surfaces ground, balance of head black finish, rust-proofed.

Length blade, in.	9	12
Length handle, in.	3¾	3¾
Wt. per doz., lbs.	9	12
Per dozen	\$18.50	19.20

One in a box.

FOX



All Steel, Nickel Plated

Simple, accurate and durable; improved electric welded; no adjusting necessary; one blade graduated in 8ths; flanged handle faced on both sides.

	Per dozen
No. 3—10 in. blade; wt. per doz. 6 lbs.	\$13.50

One-half dozen in a box.

SLIDING T BEVELS

STANLEY WOOD HANDLE



No. 25—Rosewood Handle

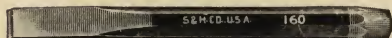
Blued steel blade; brass tipped handle; brass lever adjustment; handy grip.

Blade, in.	6	8
Handle, in.	4½	5½
Wt. per doz., lbs.	2¼	3¼
Per dozen	\$9.60	9.60

One-half dozen in a box.

COLD CHISELS

CRESCENT



No. 160—Forged Tool Steel

Hardened and tempered, tough cutting edge that will stand hard service. Blue enameled body, red head, polished blade; same size blade and stock.

Size, in.	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$
Length, in.	$5\frac{1}{2}$	6	$6\frac{1}{2}$
Wt. doz., lbs.	$2\frac{1}{8}$	$3\frac{1}{8}$	$6\frac{1}{4}$
Per dozen	\$4.80	5.30	6.25

Size, in.	$\frac{3}{4}$	$\frac{7}{8}$	1
Length, in.	$7\frac{1}{2}$	8	$8\frac{1}{2}$
Wt. doz., lbs.	$9\frac{1}{2}$	14	19
Per dozen	\$7.90	8.90	11.50

$\frac{3}{8}$ and $\frac{1}{2}$ in., one dozen; larger sizes, one-half dozen in a box.

FLINT HILL



No. 40—Forged Tool Steel

Hardened and tempered, black finish, polished head and blade.

Size, in.	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$
Size stock, in.	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$
Length, in.	$5\frac{1}{2}$	6	$6\frac{1}{2}$
Wt. doz., lbs.	$1\frac{1}{2}$	3	4
Per dozen	\$1.60	2.00	2.40

Size, in.	$\frac{3}{4}$	$\frac{7}{8}$	1
Size stock, in.	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{7}{8}$
Length, in.	7	8	8
Wt. doz., lbs.	7	12	12
Per dozen	\$3.20	3.80	5.20

$\frac{3}{8}$ and $\frac{1}{2}$ in., one dozen; larger sizes, one-half dozen in a box.

CAPE CHISELS

CRESCENT



No. 165—Forged Tool Steel

Hardened and tempered, tough cutting edge that will stand hard service. Blue enameled body, red head, polished blade.

Cutting size, in.	$\frac{1}{4}$	$\frac{5}{8}$
Stock, in.	$\frac{3}{8}$	$\frac{1}{2}$
Length, in.	$5\frac{1}{2}$	6
Wt. doz., lbs.	$1\frac{1}{8}$	$3\frac{1}{4}$
Per dozen	\$5.75	6.90

Cutting size, in.	$\frac{3}{8}$	$\frac{1}{2}$
Stock, in.	$\frac{5}{8}$	$\frac{3}{4}$
Length, in.	$6\frac{1}{2}$	$7\frac{1}{2}$
Wt. doz., lbs.	$7\frac{5}{8}$	10
Per dozen	\$8.40	11.75

$\frac{1}{4}$ and $\frac{5}{8}$ in., one dozen; $\frac{3}{8}$ and $\frac{1}{2}$ in., one-half dozen in a box.

DIAMOND POINT CHISELS

CRESCENT



No. 164—Forged Tool Steel

Hardened and tempered, tough cutting edge that will stand hard service. Blue enameled body, red head, polished blade.

Cutting size, in.	$\frac{1}{4}$	$\frac{3}{8}$
Stock, in.	$\frac{3}{8}$	$\frac{5}{8}$
Length, in.	$5\frac{1}{2}$	$6\frac{1}{2}$
Wt. doz., lbs.	$1\frac{1}{8}$	$6\frac{1}{4}$
Per dozen	\$5.75	8.40

$\frac{1}{4}$ in., one dozen; $\frac{3}{8}$ in., one-half dozen in a box.

LONG BRICK CHISELS

V. & B.



Oil tempered octagon forged steel blade; black finish body, polished blade.
For digging through brick walls.

Size, in.	$\frac{5}{8} \times 16$	$\frac{3}{4} \times 18$
Wt. doz., lbs.	$19\frac{3}{4}$	$28\frac{1}{2}$
Per dozen	\$9.30	14.50

Open stock.

BRICKLAYERS' CHISELS

V. & B.



Straight Shank

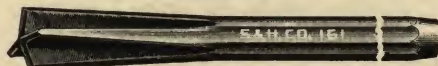
Oil tempered forged steel; octagon black finish body, polished head and blade.

Per dozen

No. 14—Width of blade 4 in., diam. of steel $\frac{3}{4}$ in., length over all $7\frac{1}{2}$ in.; wt. per doz. $13\frac{1}{2}$ lbs..	\$12.40
One-half dozen in a box.	

STAR DRILLS

CRESCENT



Hand forged from high carbon tool steel. Will drill through concrete, rock or brick. Specially hardened and tempered. Fast cutting and self clearing.

No. 161—12 Inches Long

Cutting size, in..	$\frac{1}{4}$	$\frac{5}{8}$	$\frac{3}{8}$	$\frac{1}{2}$
Wt. doz., lbs....	$2\frac{1}{8}$	$2\frac{1}{4}$	$3\frac{3}{4}$	$4\frac{7}{8}$
Per dozen	\$5.75	5.75	5.75	6.70

Cutting size, in..	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Wt. doz., lbs....	$8\frac{5}{8}$	$8\frac{5}{8}$	$13\frac{1}{4}$	$18\frac{3}{4}$
Per dozen	\$7.90	9.35	10.55	12.70

No. 161—18 Inches Long

Cutting size, in..	$\frac{1}{4}$	$\frac{5}{8}$	$\frac{3}{8}$	$\frac{1}{2}$
Wt. doz., lbs....	$3\frac{1}{4}$	$3\frac{3}{8}$	$4\frac{7}{8}$	$7\frac{3}{8}$
Per dozen	\$7.45	7.45	7.45	8.15

Cutting size, in..	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Wt. doz., lbs....	$12\frac{3}{4}$	13	$20\frac{1}{4}$	$28\frac{1}{4}$
Per dozen	\$9.60	12.00	13.45	16.10

Open stock.

PUNCH AND CHISEL SETS

ALL PURPOSE



High Grade Carbon Steel, Forged and Hardened

For mechanics, garage, shop and household use.

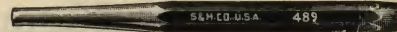
Set consists of one $\frac{3}{8}$ in. cold chisel, one $\frac{1}{4}$ in. cold chisel, one $\frac{3}{8}$ in. solid punch, one $\frac{1}{2}$ inch solid punch and one $\frac{3}{8}$ in. center punch, packed in metal container.

Per set

No. 2071—Natural finish tools and holder; wt. per set $1\frac{1}{8}$ lbs.....	\$0.90
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SOLID PUNCHES

CRESCENT



No. 489—Forged Tool Steel

Hardened and tempered, blue enameled body, red head and polished point.

Size point, in.....	$\frac{1}{8}$	$\frac{3}{8}$
Stock, in.	$\frac{1}{2}$	$\frac{1}{2}$
Length, in.	6	6
Wt. doz., lbs.	$3\frac{3}{8}$	$3\frac{3}{8}$
Per dozen	\$5.50	5.50

Size point, in.	$\frac{3}{8}$	$\frac{1}{4}$
Stock, in.	$\frac{1}{2}$	$\frac{1}{2}$
Length, in.	6	6
Wt. doz., lbs.	$3\frac{3}{8}$	$3\frac{3}{8}$
Per dozen	\$5.50	5.50

One dozen in a box.

PIN PUNCHES

CRESCENT



No. 488—Forged Tool Steel

Hardened and tempered, blue enameled with red head and polished point.

Size point, in.	$\frac{3}{8}$	$\frac{1}{4}$	$\frac{1}{4}$
Stock, in.	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{1}{2}$
Length, in.	6	6	6
Wt. doz., lbs.	$1\frac{3}{4}$	$1\frac{1}{8}$	$3\frac{3}{8}$
Per dozen	\$5.50	5.50	6.00

One dozen in a box.

LINING UP PUNCHES

CRESCENT



No. 95—Forged Tool Steel

Blue enameled, red head, polished point; for automobile repair work.

Size point, in.	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$
Stock, in.	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Length, in.	9	10	12
Taper, in.	6	7	9
Wt. doz., lbs.	$4\frac{1}{8}$	$7\frac{3}{4}$	$14\frac{3}{4}$
Per dozen	\$7.00	9.60	12.00

One dozen in a box.

CENTER PUNCHES

CRESCENT



No. 486—Forged Tool Steel

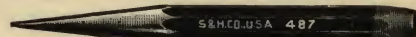
Hardened and tempered, blue enameled body, red head, polished point.

Stock, in.	$\frac{3}{8}$	$\frac{1}{2}$
Length, in.	5	6
Wt. doz., lbs.	$1\frac{3}{4}$	$3\frac{1}{2}$
Per dozen	\$4.80	6.50

One dozen in a box.

PRICK PUNCHES

CRESCENT



Forged Tool Steel

Hardened and tempered, blue enameled body, red head, polished point.

Per dozen

No. 487— $\frac{3}{8}$ in. stock, $4\frac{1}{2}$ in. long; wt. per doz. $1\frac{3}{8}$ lbs.	\$4.80
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One dozen in a box.

SADDLERS' PUNCHES

PEXTO



Forged Steel, Polished

Nos.	1	2	3	4
Hole, in.	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{8}$
Wt. doz., lbs. ...	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{3}{4}$
Per dozen	\$3.10	3.10	3.10	3.10

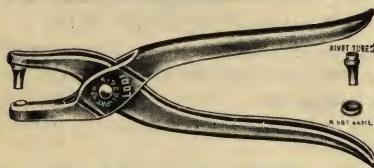
Nos.	5	6	7	8
Hole, in.	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{1}{4}$
Wt. doz., lbs. ...	$1\frac{1}{8}$	$1\frac{1}{8}$	1	1
Per dozen	\$3.10	3.10	3.70	3.70

Nos.	9	10	11	12
Hole, in.	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{5}{8}$	$\frac{1}{2}$
Wt. doz., lbs. ...	1	$1\frac{1}{4}$	2	2
Per dozen	\$3.70	4.80	4.80	4.80

One dozen in a box.

SPRING PUNCHES

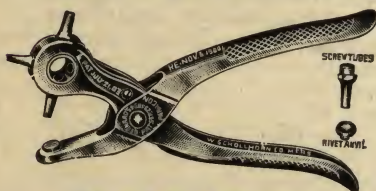
SINGLE

Pressed Steel Frame, Bright Finish
Center Pin Spring

No. 361—6 in. long; 1 "Riveted"
steel tube; assorted Nos. 2, 4
and 6 in a dozen; wt. per doz.
3 lbs. \$4.80

One dozen in a box.

LODI 4-TUBE REVOLVING



Pressed Steel Frame

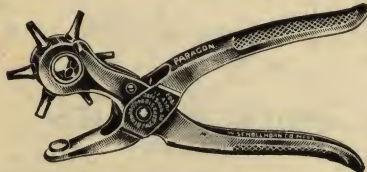
Bright finish; center pin; unbreakable
non-friction spring.

No. 384—8 in. long; 4 steel "Drive"
tubes; Nos. 1, 3, 5 and 7; wt.
per doz. 9 lbs. \$12.00

Extra Tubes—Drive 2.15

One-half dozen in a box.

LODI 6-TUBE REVOLVING



Pressed Steel Frame

Bright finish, center pin, unbreakable
non-friction spring.

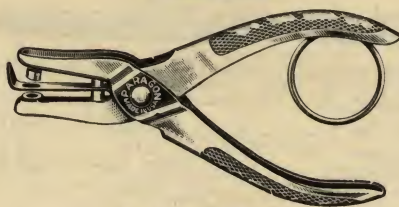
No. 386—8 in. long; 6 steel "Drive"
tubes; Nos. 1, 2, 3, 4, 5 and 7;
wt. per dozen 9 lbs. \$14.40

Extra Tubes—Drive 2.15

One-half dozen in a box.

TICKET PUNCHES

PARAGON



With Reservoir

Crucible sheet steel frame, full nickel
plated.

No. 360—5 in. long; assorted fancy
dies; wt. doz. $2\frac{1}{4}$ lbs. \$2.60

The reservoir retains the clippings, pre-
venting their scattering over the floor.

One-half dozen in a box.

NAIL SETS

SYRACUSE "NOROL"



Square Body, Positively Will Not Roll

Twist drill steel, tempered ends, knurled
body, rounded corners, blued finish,
cupped point.

Nos.	92N	93N	94N
Diam. point, in.	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{2}$
Per dozen	\$2.70	2.70	2.70

Average weight per dozen 1 pound.

One dozen in a slide cover wood box.

MAYHEW



No. 420—Improved Pattern

A new design of attractive appearance
and style. Hammer forged from the fin-
est tool steel, carefully cupped and bev-
eled and will not roll.

Diam. point, in.	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{2}$
Wt. per doz., lbs.	$1\frac{1}{4}$	$1\frac{1}{4}$	$1\frac{1}{4}$
Per dozen	\$1.50	1.50	1.50

One dozen in a box.

SYRACUSE "NOROL"



In Display Stand

Square body, positively will not roll.
Twist drill steel, tempered ends, knurled
body, rounded corners, blued finish, cup-
ped point.

No. 90NB Display—Consists of one
dozen "Norol" nail sets, assort-
ed points, $\frac{1}{8}$, $\frac{3}{8}$ and $\frac{1}{2}$ in.,
mounted in a polished round
birchwood box, with cover and
attractive label, each in a separ-
ate hole \$2.70

STEEL FIGURES AND
LETTERS

Machine Made

Used for stamping soft and mild steel,
wrought and malleable iron, brass, tin
zinc, wood, aluminum and substances of
a finely hardened character. Made of
carefully drawn, hardened and temper-
steel, natural finish; will cut sharp and
true; Roman style letters and figures
 $2\frac{1}{2}$ in. long.

STEEL FIGURES IN SETS



A set of figures consists of numbers,
i. e., 1, 2, 3, 4, 5, 6, 7, 8 and 0, No. 6
being used for figure 9 by reversing.

No.	14F
Size, in.	$\frac{1}{4}$
Wt. per set, lbs.	$1\frac{1}{4}$
Per set	\$1.40

One set in a box.

STEEL LETTERS IN SETS



A set of letters consists of 28, the com-
plete alphabet, with a period and charac-
ter "&" in addition.

No.	14L
Size, in.	$\frac{1}{4}$
Wt. per set, lbs.	$3\frac{1}{4}$
Per set	\$4.20

SEPARATE FIGURES

No.	14SF
Size, in.	$\frac{1}{4}$
Each	\$0.20

SEPARATE LETTERS

No.	14SL
Size, in.	$\frac{1}{4}$
Each	\$0.20

Open stock.

SHARPENING STONES

CARBORUNDUM

Carborundum is an artificial abrasive or grinding material, a product of the electric furnace. Made up of small sharp crystals.

May be used dry, or with water or oil.



Medium Grit

Nos.	116	122
Length, in.	8	6
Width, in.	2	2
Thickness, in.	1	1
Wt. dozen, lbs.	13 3/4	13
Per dozen	\$23.40	18.00

One in a box; one-half dozen in a carton.

CARBORUNDUM COMBINATION



One Side Coarse Grit, Other Side Very Fine Grit

Nos.	108	109	110
Length, in.	8	6	7
Width, in.	2	2	2
Thickness, in.	1	1	1
Wt. dozen, lbs.	14 1/2	12 1/2	12 3/4
Per dozen	\$27.60	19.80	23.40

Nos.	111	112
Length, in.	5	4
Width, in.	2	1 3/4
Thickness, in.	3/4	5/8
Wt. dozen, lbs.	6 1/2	4 3/4
Per dozen	\$15.60	13.20

One in a box; one-half dozen in a carton.

CARBORUNDUM ROUND COMBINATION



One Side Coarse Grit, Other Side Very Fine Grit

These stones are designed especially for carpenters' and mechanics' tools. The coarse side can be used for sharpening very dull tools; the fine side for giving required keen, smooth edge.

Per dozen

No. 107—4 in. diam., 1 in. thick, without box; wt. per dozen 14 lbs.	\$19.80
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One in a box; one-half dozen in a carton.

SHARPENING STONES

QUEER CREEK



Can Be Used with Oil or Water

A hard medium coarse grain stone for rough work.

Per dozen

No. KB7—7 in. long, 2 in. wide, 3/4 to 1 in. thick; wt. per dozen 13 lbs.	\$4.70
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One dozen in a package.

QUEER CREEK MOUNTED



Can Be Used with Oil or Water

A good low priced natural stone for carpenters' tools.

Per dozen

No. KM7—7 in. long, 2 in. wide, in wood case with cover; wt. per dozen 15 lbs.	\$8.60
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One dozen in a package.

CARBORUNDUM SLIPS



Cut rapidly and hold their shape perfectly.

Fine Grit

Per dozen

No. 180—4 1/2 x 2 1/8 x 5/8 - 7/8 in.; wt. per dozen 4 1/2 lbs.	\$14.40
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Medium Grit

Per dozen

No. 181—4 1/2 x 2 1/8 x 5/8 - 7/8 in.; wt. per dozen 4 1/2 lbs.	\$14.40
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Coarse Grit

Per dozen

No. 185—4 1/2 x 1 3/4 x 1 1/2 - 1 3/8 in.; wt. per dozen 2 3/4 lbs.	\$10.30
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One in a box; one-half dozen in a carton.

WASHITA SLIPS



A natural stone preferred by many mechanics for efficient tool sharpening. It produces a smooth, long lasting edge on gouges and all curved cutting edges.

Per dozen

No. NS4—4 x 1 3/4 - 2 x 3/8 - 1/2 x 1/8 - 1/4 in.; wt. per dozen 2 1/2 lbs.	\$4.70
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One dozen in a package.

AXE STONES

ROUND CARBORUNDUM



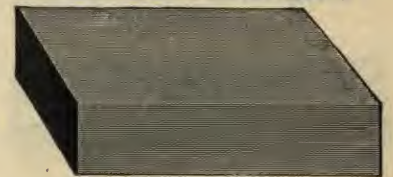
Will produce a sharp, keen edge on the dullest of axes in a very few minutes. Used by lathers, lumbermen, hunters and campers.

Per dozen

No. 196—Combination; one side coarse, other side fine grit, 3 in. diam., 5/8 in. thick; wt. per dozen 4 lbs.	\$9.60
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One in a box; one-half dozen in a carton.

CARBORUNDUM OBLONG



Medium Grit

Per dozen

No. 193—2 1/2 in. long, 1 1/2 in. wide, 1/2 in. thick; weight per dozen 1 3/4 lbs.	\$5.75
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One in a box; one-half dozen in a carton.

POCKET STONES

CARBORUNDUM



These stones are made of the finest carborundum powder. For sharpening pocket knives, ink scratchers, scissors and small tools.

Per dozen

No. 149—3 x 7/8 x 3/8 in., in a neat buff colored carton; weight per dozen 2 3/4 lbs.	\$3.10
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Two dozen on a steel display stand.

CARBORUNDUM FILES

A solid, four sided, tapered shaft of carborundum that cuts quick and free, giving a clean edge with little effort. Correct size and grit. For sharpening mower sections lawn mower knives and any farm or garden edge tool.



Single Grit

Wood handle.

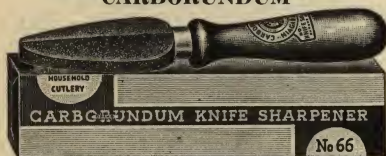
Per dozen

No. 57—14 in. long; wt. per dozen 16 lbs.	\$15.60
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One dozen in a box.

KNIFE SHARPENERS

CARBORUNDUM



Cuts Clean and Fast

Particularly adapted for sharpening stainless steel cutlery. Will not mar or scratch the finish. Bevel or crown in center. Made of genuine Carborundum brand silicon carbide.

No. 66—Green, yellow or blue enameled wood handle, 4 $\frac{3}{8}$ in. long, abrasive 2 in. long; wt. per doz. 2 lbs.\$5.50
One in a box, one dozen in a carton.

GARDEN TOOL SHARPENING STONES

CARBORUNDUM



Heavy Duty

For sharpening lawn mower knives, lawn edge trimmers, hoes, axes, grass shears, household cutlery, etc.

No. 46—10 $\frac{1}{4}$ in. long, red finished wood handle; wt. per doz. 5 $\frac{1}{4}$ lbs.\$8.00
One in a box, one dozen in a carton.

SCYTHE STONES

CARBORUNDUM-ALOXITE



Cuts Fast, Will Not Glaze

On account of the hardness and toughness of Aloxite grain, it cuts clean and leaves a good working edge.

Nos.	190	191	192
Length, in.	10	12	10
Width, in.	1	1 $\frac{1}{4}$	1 $\frac{1}{4}$
Thickness, in.	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{3}{4}$
Wt. per doz., lbs.	5 $\frac{1}{2}$	8 $\frac{1}{4}$	7 $\frac{3}{4}$
Per dozen	\$4.00	5.60	4.80

One dozen in a display box.

ALUNDUM



Fast cutting and long wearing abrasive material, for heaviest types of scythes and farm tools.

No. TD2—10 in. long, 1 $\frac{5}{8}$ in. wide, $\frac{1}{2}$ in. thick; wt. per doz. 6 $\frac{1}{2}$ lbs.\$3.20
One dozen in a display box.

WHITE MOUNTAIN



Fine Grain

Special selection from fine grained stock; oval, with square edges.

No. TL3—10 in. long, 1 $\frac{1}{4}$ in. wide, $\frac{5}{8}$ in.; wt. per doz. 10 lbs.\$4.00
One dozen in a carton.

SCYTHE STONES

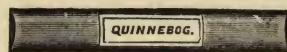
GRANGER



Formed under hydraulic presses from selected abrasives and baked in electric ovens. Cuts clean and rapidly. Has steel rod running its entire length which gives it good strength.

No. TS4—10x1 $\frac{1}{4}$ x $\frac{3}{4}$ in.; wt. per doz. 8 lbs.\$1.60
One dozen in a box.

QUINNEBOG

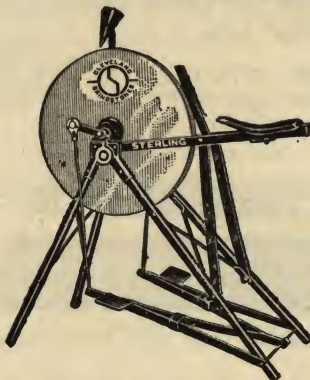


Selected Huron grit, extra fine finish full oval shape. Quarry stone.

No. Q91 $\frac{1}{2}$ —9 $\frac{1}{2}$ in. long; wt. per doz. 12 lbs.\$2.40
Three dozen in a box.

MOUNTED GRINDSTONES

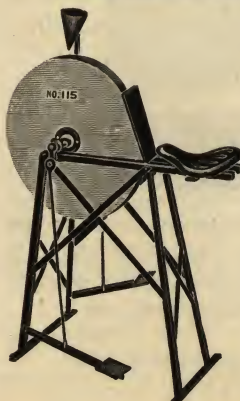
STERLING BALL BEARING



Ball bearing throughout, with double treadle; frame is constructed of heavy steel tubing; adjustable seat and clothes protector; crank shaft fitted with ball bearings; painted vermilion red.

No. T100—Height of frame to seat 30 in., length over all 34 in., genuine Berea stone 19 to 22 in. diameter, 1 $\frac{3}{4}$ to 2 $\frac{1}{4}$ in. thick; wt. each 50 to 60 lbs.; shipping wt. each 100 lbs.\$15.70

CLEVELAND BALL BEARING



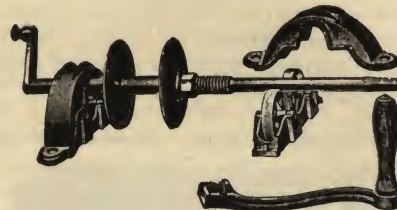
With steel seat, water cup and clothes protector.

Japanned angle steel frame; malleable iron fixtures with ball bearing journals and pitmans.

No. 115—18 to 20 in. Berea stone; 1 $\frac{3}{4}$ to 2 in. thick; wt. 40 to 50 lbs.; complete 90 lbs.\$10.90
One in a crate, knocked down.

GRINDSTONE FIXTURES

COMMON



Cast Iron, Japanned

Incased copperd roller bearings, threaded shaft with nut and flanges; handle crank and lever crank; two boxes.

Nos.	217	219
Shaft, in.	17	19
For stone, lbs.	60	80
Wt. per doz. sets, lbs.	70	74
Per set	\$2.70	2.70

One-half dozen sets in a box.

EXTRA PARTS

Cranks	Per dozen, \$ 9.00
Flanges	Per dozen, 4.80
Shafts	Per dozen, 14.40
Nuts	Per dozen, 2.40

CARBORUNDUM GRAINS



Hardest and sharpest abrasive material; produced by crushing and grinding the crude crystals.

1 Pound Cans			
Grain Nos.	60	80	120
Per pound	\$1.00	1.00	1.00

5 Pound Cans			
Grain Nos.	60	80	120
Per pound	\$0.70	.70	.70

EMERY WHEEL DRESSERS

HUNTINGTON



Japanned iron handle, with two sets of hardened steel cutters.

No. O—11 in. long; wt. each 1 $\frac{1}{4}$ lbs.\$1.00
One in a box.

EXTRA CUTTERS

No. OC—1 $\frac{3}{8}$ in. diameter, $\frac{1}{8}$ in. hole, 24 gauge, 18 pieces to a set, high carbon steel, milled and hardened\$1.60

GRINDING WHEELS

ALOXITE



Aloxite is an abrasive made by the Carborundum Company and is an electric furnace product, adapted for general grinding purposes.

Flat Face, For Regular Grinding

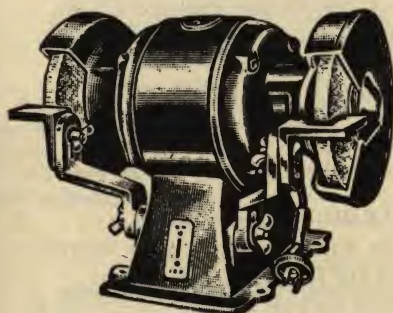
Nos.	Size, in.	Grade	Wt., lbs.	Each
A10M	3x1/2x1	100J—Med.	3/8	\$0.85
A18M	4x3/4x1	60J—Med.	7/8	1.70
A20F	4x1x1	100J—Fine	1 1/8	2.00
A20M	4x1x1	60J—Med.	1 1/8	2.00
A22M	5x3/4x1	60J—Med.	1 1/4	2.25
A24M	5x1x1	60J—Med.	1 3/4	2.65
A28M	6x1/2x1	60J—Med.	1 3/4	2.40
A30M	6x3/4x1	60J—Med.	1 3/4	2.90
A32M	6x1x1	60J—Med.	2 1/2	3.40

Round Face, For Saw Gumming

A65R	6x1/4x1	60M—28	3/4	\$1.90
A72R	8x3/8x1	60M—28	2	3.20

Note—We can furnish steel bushings so that standard wheels can be made to fit any arbor; always state arbor hole required when ordering grinding wheels.

ELECTRIC GRINDERS



Ball Bearing, High Speed Type

Both are of the split phase type, speeds 3000/3600 R.P.M.

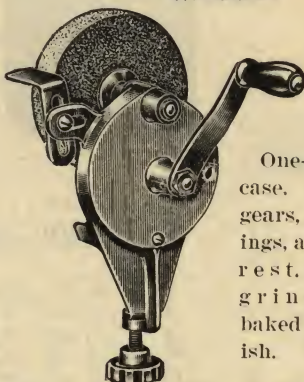
Equipped with 1/2 in. shafts, two wheels, two guards, two tool rests, switch, cord and plug.

No. 5014G—1/4 H.P., two 6x3/4 in. wheels; wt. each 42 lbs.	Each
	\$34.00

One in a box.

TOOL GRINDERS

WARREN

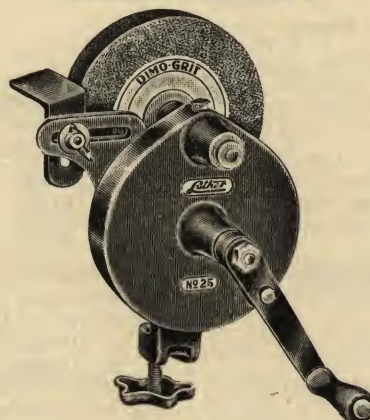


One-piece gear case, spur cut gears, long bearings, adjustable tool rest, good grade grinding wheel, baked enamel finish.

Nos.	44	45
Wheel, in.	4x1	5x1
Wt. each, lbs.	5 1/2	6 1/2
Each	\$2.00	2.50

One in a box.

LUTHER STANDARD



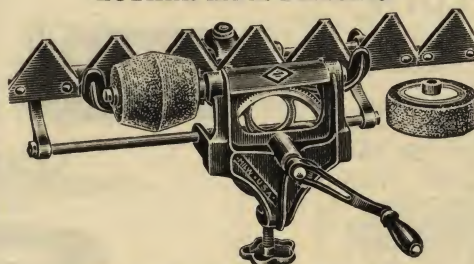
One-piece gear case, machine cut gears, keyed crank with large wood grip, adjustable tool rest, Dimo-Grit vitrified grinding wheel, steel bench screw steel wheel flange and washer. Red and black enamel finish.

Nos.	21	25	26
Wheel, in.	4x1	5x1	6x1
Wt. each, lbs.	6	8 1/2	11 1/4
Each	\$1.30	5.30	7.20

One in a box.

TOOL AND SICKLE GRINDERS

LUTHER BALL BEARING



Clamps on Bench or Mower Wheel

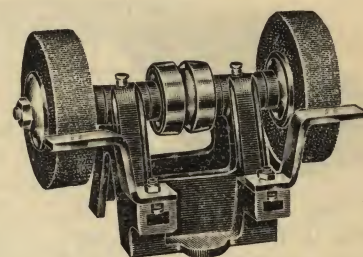
Special sickle holding attachment; made to sharpen six sections before reclamping bar in holder. Helical machine cut gear and wheel shaft. Each

No. 85—With 3 1/2x3 1/2x2 1/2 in. Dimo-Grit cone with 1/2 in. arbor hole and 4x1 1/2 in. regular grinding wheel; wt. each 18 lbs.	Each
	\$11.20

One in a box.

POWER GRINDERS

MODERN LIGHT DUTY



An all 'round inexpensive power head that answers every need of the most exacting user.

Strong and sturdy construction, finished in red durable enamel.

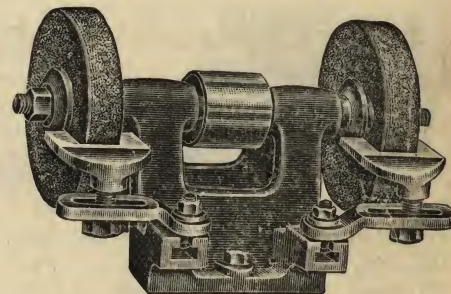
For sharpening any and all tools, for grinding metal any thickness.

Two 1 1/4 in. bearings oiled directly with self-closing oil cups.

No. P215—With two wheels 5x1x3/8 in., one coarse and one medium vitrified grit; two adjustable tool rests; spindle 9 in. long; iron pulley 1 1/2x1 1/2 in. to accommodate flat, round or V-belt; operating speed 2500 to 3000 R.P.M.; height from base to center 3 1/2 in.; distance between wheels 5 1/2 in.; bench space 4x4 in.; wt. each 7 1/4 lbs.	Each
	\$5.80

One in a box.

LUTHER HEAVY DUTY



A medium duty belt driven bench grinder suitable for grinding edge tools, axes, plane bits, chisels, knives, etc. Frame permits running belt from above, below or the side.

Enameled iron frame, 2 1/2 in. bearings, spring cap oilers, two individually adjustable tool rests.

No. 306—With two wheels 6x1 1/4x5/8 in.; one medium and one coarse Dimo-Grit; shaft 13 1/4 in.; pulley 2 1/4x2 in.; distance between wheels 8 in.; height of shaft above bench 4 in.; bench space required 5 1/2x5 1/2 in.; turned wheel flanges 3 in. diameter; operating speed between 2546 and 3183 R.P.M. of grinding wheels; shipping wt. each 20 lbs.	Each
	\$10.40

One in a box.

FLINT SAND PAPER

CLOVER "GREEN STRIPE"



8¾x10½ in. Sheets

Sharp, durable and very flexible.
Standard quality.

Put up in colored shelf boxes.
Factory List Prices.

Grit Nos.	3/0	2/0	0	½	1
Sheets in box	100	100	100	100	75
Weight box, lbs.	3	3¼	3¾	4¼	4
List per box	\$1.40	1.40	1.40	1.50	1.25
Grit Nos.	1½	2	2½	3	
Sheets in box	50	50	50	25	
Wt. box, lbs.	3¾	4¼	5¼	3	
List per box	\$0.95	1.10	1.20	.70	

HOUSEHOLD SAND PAPER

CLOVER "GREEN STRIPE"



4¼x5¼ in. Sheets

Each package contains 20 sheets
of sand paper of assorted grits,
neatly put up in a colored wrapper.

Per carton

Household Display — Consists
of 3 dozen packages in an
attractive counter display
carton; weight per carton
8 lbs.\$3.60

One carton in a shipping case.

EMERY CLOTH

CLOVER "RED STRIPE" TURKISH



9x11 in. Sheets

For polishing metals and for cut-
ting soft metals.

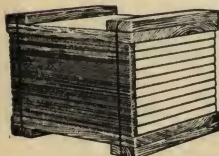
Sharp, durable and very flexible.
Standard quality.

Put up in colored shelf boxes.
Factory List Prices.

Grit Nos.	2/0	0	½	1	1½	2
Sheets in box....	50	50	50	50	50	50
Wt. box, lbs....	3½	3¾	4½	5½	5¾	7
Per box	\$3.58	3.58	3.86	4.16	4.47	4.76

ALUMINOUS OXIDE CLOTH

CLOVER "YELLOW STRIPE"



9x11 in. Sheets

For general machine shop use, the only
abrasive that will cut hard metals.

Packed in ½ reams, (240 sheets).

Each 24 sheets in a full width band.
Factory List Prices.

Grit Nos.	5/0	4/0	3/0	2/0
Grade	180	150	120	100
Wt. per ream, lbs.	34	36½	39	43½
Per ream	\$54.70	54.70	54.70	54.70
Grit Nos.	0	½	1	1½
Grade	80	60	50	40
Wt. per ream, lbs.	54½	66	75½	87
Per ream	\$58.00	63.10	67.60	72.70

NOTE—Goods Marked ® Not Carried in Stock, but Shipped Direct from Factory.

® GARNET PAPER ROLLS

CLOVER "ORANGE STRIPE"

In 50 Yard Rolls

Made in open and closed coat; when order-
ing always specify which is wanted.

Factory List Prices.

Width, in.	6/0-2/0	0	½	1	1½	2	2½	3
	220-100	80	60	50	40	36	30	24
4	\$4.00	\$4.40	\$5.00	\$5.65	\$6.40	\$7.10	\$7.85	\$8.60
6	5.90	6.45	7.40	8.40	9.45	10.55	11.65	12.80
8	7.80	8.55	9.85	11.15	12.55	14.05	15.50	16.95
10	9.70	10.65	12.25	13.85	15.65	17.50	19.30	21.15
12	11.60	12.70	14.65	16.60	18.70	20.95	23.10	25.35
15	14.40	15.85	18.25	20.70	23.35	26.15	28.85	31.65
18	17.25	19.00	21.85	24.80	28.00	31.30	34.60	37.90
20	19.15	21.10	24.30	27.55	31.10	34.80	38.40	42.10
24	20.50	22.70	26.30	30.00	34.00	38.20	42.30	46.50

® GARNET CLOTH ROLLS

CLOVER "ORANGE STRIPE"

In 50 Yard Rolls

Factory List Prices.

Width, in.	4/0 -150	3/0 -120	0	½	1	1½	2	2½	3
	2/0 -100	80	60	50	40	36	30	24	
4	\$9.15	\$9.70	\$10.50	\$11.25	\$12.00	\$12.95	\$13.85	\$14.80	
6	13.65	14.45	15.65	16.75	17.95	19.30	20.65	22.05	
8	18.15	19.20	20.80	22.25	23.85	25.70	27.50	29.35	
14	31.55	33.40	36.30	38.80	41.60	44.80	47.95	51.25	
28	58.00	61.60	66.90	71.70	77.00	83.00	90.00	95.20	

Intermediate sizes can be furnished.

Odd-length rolls are proportionate to the 50 yard list, plus a
list charge of 10c per inch of width.

"J" Backing (Jeans) Nos. 4/0 to ½ inclusive, open coat.

"X" Backing (Drills) Nos. 3/0 to 3 inclusive, closed coat.

Unless otherwise specified, "X" Backing (Drills) closed coat
will be furnished.

STEEL WOOL

Household Packages

Per dozen

No. 00-H—Equal to No. 000 sand paper\$0.80
No. 0-H—Equal to No. 00 sand paper80
No. 1-H—Equal to No. 0 sand paper..... .80
No. 2-H—Equal to No. ½ sand paper80
No. 3-H—Equal to Nos. 1 and 1½ sand paper .80

One dozen in a display carton.

One Pound Packages

Nos. 00 0 1 2 3
Per pound\$0.55 .55 .55 .52 .52

HANDI-ROLLS

Cleans, scours, polishes aluminum and
other utensils with more speed.

Works like magic with any soap.

Per dozen packages

Handi-Rolls—8 in a package\$1.60

One dozen packages in a container.

SAND PAPER HOLDERS

RED DEVIL



Holds handy sheet
or ¼ regular sheet
sand paper or emery
cloth. All steel with
locking device. Red
enameled handle.

Per dozen

No. 9—Wt. per dozen 8 lbs.\$4.00
One dozen in a display box.

FILES REGULAR TAPER

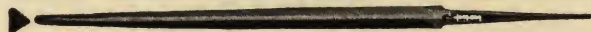


For filing hand and buck saws.

Length, in.	6	8	10
Weight per dozen, lbs.	2	4 1/4	7 1/2
Kut-Well Per dozen	\$3.40	5.40	8.10

One dozen in a box.

SLIM TAPER



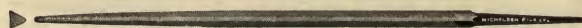
For filing hand, rip and wood saws.

Length, in.	3	3 1/2	4	4 1/2	5
Weight per dozen, lbs.	1/4	3/8	1/2	5/8	3/4
Kut-Well Per dozen	\$2.10	2.10	2.20	2.30	2.50
Nicholson Per dozen	....	....	2.20	2.30	2.50
Royal Per dozen	....	....	....	....	2.50

Length, in.	5 1/2	6	7	8
Weight per dozen, lbs.	7/8	1 1/4	2 1/4	3 1/2
Kut-Well Per dozen	\$2.90	3.10	3.80	4.50
Nicholson Per dozen	2.90	3.10	3.80	4.50
Royal Per dozen	2.90	3.10	....	....

One dozen in a box.

EXTRA SLIM TAPER



For hand, panel, back and butcher saws.

Length, in.	5	5 1/2	6
Weight per dozen, lbs.	1/2	3/4	3/4
Kut-Well Per dozen	\$2.50	2.90	3.10
Nicholson Per dozen	2.50	2.90	3.10
Royal Per dozen	....	....	3.10

One dozen in a box.

DOUBLE—EXTRA SLIM TAPER

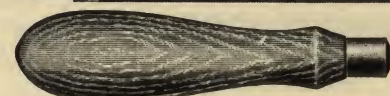


For all fine tooth saw filing, etc.

Length, in.	6	7	8
Weight per dozen, lbs.	1/2	3/4	1 1/8
Kut-Well Per dozen	\$3.10	3.80	4.50
Nicholson Per dozen	3.10	3.80	4.50

One dozen in a box.

WEED SPECIAL SLIM BLUNT



WEED'S SPECIAL
FILE AND HANDLE.

For Filing Very Hard Tempered Saws

Blunt, single cut, round tang, with 4 1/2 in. brass ferruled handle.

Length, in.	5	6
Weight per dozen, lbs.	3/4	1 1/4
Per dozen Per dozen	\$2.50	3.10

One dozen files and four handles in a box.

GREAT AMERICAN SAW



For filing cross cut saws.

Length, in.	8	10
Weight per dozen, lbs.	4	6 1/2
Kut-Well Per dozen	\$7.50	9.10

One dozen in a box.

BUY KUT-WELL FILES to give the best service and are absolutely guaranteed. Your customer must be satisfied.

All Prices on this page are Factory Lists and subject to regular trade discount.

FILES CANT SAW



For filing cross cut saws having M shaped teeth.

Length, in.	6	8	10
Weight per dozen, lbs.	1 1/2	3	5
Kut-Well Per dozen	\$5.40	6.40	8.70

One dozen in a box.

MILL BASTARD



For filing cross cut saws, mowing machine knives, etc.

Length, in.	4	5	6	8
Weight per dozen, lbs.	1/2	3/4	1 1/4	3
Kut-Well Per dozen	\$3.00	3.20	3.50	4.30
Nicholson Per dozen	3.00	....	3.50	4.30
Royal Per dozen	....	....	3.50	4.30

Length, in.	10	12	14	16
Weight per dozen, lbs.	6	10	13 1/2	20
Kut-Well Per dozen	\$5.60	7.50	10.70	14.70
Nicholson Per dozen	5.60	7.50	10.70	....
Royal Per dozen	5.60	7.50	10.70	14.70

4 to 10 in., one dozen; 12 to 16 in., one-half dozen in a box.

MILL BASTARD, ONE ROUND EDGE



Taper, single cut, for filing the gullet or space between saw teeth, used on circular and other mill saws.

Length, in.	8	10	12
Weight per dozen, lbs.	3	6	10
Kut-Well Per dozen	\$4.80	6.30	8.40

8 and 10 in., one dozen; 12 in., one-half dozen in a box.

FLAT BASTARD



For general shop use; filing castings, etc.

Length, in.	6	8	10
Weight per dozen, lbs.	2	4	7
Kut-Well Per dozen	\$4.30	5.30	7.00
Nicholson Per dozen	4.30	5.30	7.00

Length, in.	12	14	16
Weight per dozen, lbs.	13	19	27
Kut-Well Per dozen	\$9.70	13.30	17.80
Nicholson Per dozen	9.70	13.30	17.80

6 to 10 in., one dozen; 12 to 16 in., one-half dozen in a box.

HALF ROUND BASTARD



For general machine shop work.

Length, in.	4	5	6	8
Weight per dozen, lbs.	3/4	1 1/4	1 1/2	4
Kut-Well Per dozen	\$4.80	5.40	6.10	7.50

Length, in.	10	12	14	16
Weight per dozen, lbs.	6	12	17	25
Kut-Well Per dozen	\$9.10	11.80	15.50	20.60

4 to 10 in., one dozen; 12 to 16 in., one-half dozen in a box.

FILES
ROUND BASTARD

For enlarging round holes, etc.

Length, in.	4	6	8	10
Weight per dozen, lbs.	$\frac{1}{4}$	$\frac{3}{4}$	$1\frac{1}{4}$	3
Kut-Well	Per dozen \$3.00	3.50	4.30	5.60
Nicholson	Per dozen 3.00	3.50	4.30	5.60

Length, in.	12	14	16
Weight per dozen, lbs.	7	13	21
Kut-Well	Per dozen \$7.50	10.70	14.70
Nicholson	Per dozen 7.50	10.70	14.70

4 to 10 in., one dozen; 12 to 16 in., one-half dozen in a box.

SQUARE BASTARD

For enlarging aperture of a square or rectangular shape.

Length, in.	4	5	6	8
Weight per dozen, lbs.	$\frac{1}{2}$	$\frac{3}{4}$	1	2
Kut-Well	Per dozen \$3.80	4.10	4.60	5.50

Length, in.	10	12	14	16
Weight per dozen, lbs.	4	9	16	27
Kut-Well	Per dozen \$7.40	10.20	13.90	18.70

4 to 10 in., one dozen; 12 to 16 in., one-half dozen in a box.

WARDING BASTARD

Used principally by locksmiths in filing ward notches in keys, but also used for many purposes.

Length, in.	4	5	6
Weight per dozen, lbs.	$\frac{5}{8}$	$\frac{3}{4}$	1
Nicholson	Per dozen \$4.00	4.50	4.90

One dozen in a box.

KNIFE BASTARD

For general use, resembles somewhat the blade of a knife; handy for filing notches.

Length, in.	4	5	6
Weight per dozen, lbs.	$\frac{5}{8}$	$\frac{3}{4}$	1
Kut-Well	Per dozen \$5.40	6.10	6.90

One dozen in a box.

HALF ROUND WOOD

Taper; double cut. Used generally by woodworkers.

Length, in.	8	10	12	14
Weight per dozen, lbs.	$3\frac{1}{4}$	6	$10\frac{3}{8}$	$16\frac{3}{4}$
Kut-Well	Per dozen \$8.50	10.70	14.10	18.50

8 in., one dozen; 10 to 14 in., one-half dozen in a box.

CABINET FILES, WOOD

Taper; double cut. Used by cabinet, pattern, last makers and woodworkers generally.

Length, in.	8	10	12	14
Weight per dozen, lbs.	$2\frac{7}{8}$	$4\frac{7}{8}$	$8\frac{3}{8}$	$13\frac{3}{4}$
Kut-Well	Per dozen \$10.10	13.70	18.70	24.80

8 in., one dozen; 10 to 14 in., one-half dozen in a box.

ALWAYS SPECIFY KUT-WELL FILES

Guaranteed to give the best service

All Prices on this page in light face type are Factory Lists subject to regular trade discount

FILES
AUGER BIT

Tempered file steel, polished; one end cut on edges, the reverse end cut on sides only; length of cutting ends $1\frac{1}{2}$ in.; width $\frac{1}{4}$ in.; tapered to point.

Length, in.	7
Weight per dozen, lbs.	$1\frac{3}{8}$
Nicholson	Per dozen \$4.00

One dozen on a card.

COIL POINT

For cleaning contact points, spark plugs, coils and magnetos.

Length, in.	$6\frac{1}{4}$
Weight per dozen, lbs.	$\frac{1}{4}$
Per dozen	\$1.50

One dozen in a box.

RASPS
FLAT WOOD

Coarse Cut

Length, in.	10	12	14
Weight per dozen, lbs.	7	11	19
Kut-Well	Per dozen \$12.80	17.50	23.20

One-half dozen in a box.

HALF ROUND WOOD

Taper Rasp Cut

Used by wheelwrights and carriage builders, and to some extent by plumbers and marble cutters.

Length, in.	8	10	12	14
Weight per dozen, lbs.	$3\frac{1}{4}$	6	$10\frac{1}{2}$	$16\frac{3}{4}$
Kut-Well	Per dozen \$10.10	13.70	18.70	24.80

8 in., one dozen; 10 to 14 in., one-half dozen in a box.

HALF ROUND CABINET

Second Cut

Used by cabinet makers and woodworkers generally.

Length, in.	8	10	12	14
Weight per dozen, lbs.	$2\frac{7}{8}$	$4\frac{7}{8}$	$8\frac{1}{2}$	$13\frac{3}{4}$
Kut-Well	Per dozen \$12.80	17.50	22.80	29.60

8 in., one dozen; 10 to 14 in., one-half dozen in a box.

HORSE RASPS

Regular

Length, in.	12	14	16
Weight per dozen, lbs.	$13\frac{3}{4}$	$17\frac{3}{4}$	$26\frac{3}{4}$
Kut-Well	Per dozen \$12.80	17.80	24.40

Slim

Length, in.	18
Weight per dozen, lbs.	26
Kut-Well	Per dozen \$25.90

One-half dozen in a box.

BRICK TROWELS MARSHALLTOWN

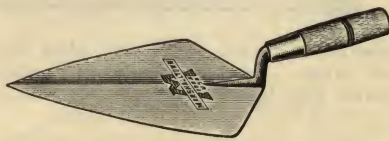


Forged in one piece from highest grade trowel steel, carefully tempered, taper ground and polished; hardwood handle; polished steel ferrule.

No. 19W—Philadelphia Pattern

Length blade, in.	10½	11
Width heel, in.	5¼	5½
Wt. dozen, lbs.	13½	14
Per dozen	\$30.00	30.00

One-half dozen in a box.



Forged in one piece from highest grade of steel, carefully tempered, taper ground and polished, hardwood handle, polished steel ferrule.

No. 21W—Wide Heel

Length blade, in.	10½	11
Width heel, in.	6	6
Wt. dozen, lbs.	13½	14
Per dozen	\$31.00	31.00

One-half dozen in a box.

IOWA



Forged in one piece from a good grade of steel, carefully tempered, taper ground and polished; natural finish wood handle; polished steel ferrule.

No. 25—Philadelphia Pattern

Length blade, in.	10½	11
Width heel, in.	5	5
Wt. dozen, lbs.	13	13½
Per dozen	\$16.00	16.00

One-half dozen in a box.

STAR



Polished steel blade, malleable iron shank, riveted to blade, hardwood handle.

No. 204—10 in. blade; weight per dozen 7½ lbs.	\$3.50
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One dozen in a box.

POINTING TROWELS IOWA



Forged from good grade steel, tempered, ground and polished, natural finish wood handle.

No. 43—Wood Handle

Length blade, in.	4½	5	6
Width heel, in.	2¼	2½	2¾
Wt. dozen, lbs.	3¼	3½	3¾
Per dozen	\$8.00	8.00	8.00

One-half dozen in a box.

STAR

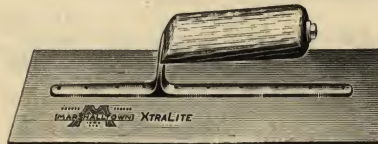


Bright Steel Blade, Natural Wood Handle

No. 205—5 in. long; weight per doz.	2½ lbs.	\$2.00
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One dozen in a box.

PLASTERING TROWELS MARSHALLTOWN XTRALITE



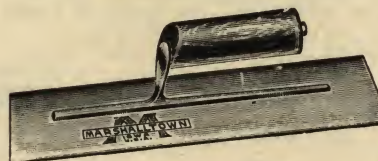
Finishing

Light flexible crucible spring steel blade, tempered and taper ground, forged aluminum mounting, balanced, hard steel rivets, tapered smooth handle, extra fine finish.

Nos.	MX1	MX4
Blade, in.	11x4½	11½x4¾
Wt. dozen, lbs.	13½	14
Per dozen	\$53.00	53.00

One in a box.

MARSHALLTOWN



Finishing

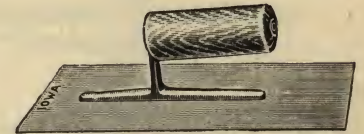
Light flexible crucible spring steel blade, tempered and ground, special analysis mounting, balanced, hard steel rivets, tapered smooth handle, fine finish.

Nos.	MF91	MF3
Blade, in.	10½x4½	11x4¾
Wt. dozen, lbs.	12	12½
Per dozen	\$45.00	45.00

No.	MF4
Blade, in.	11½x4¾
Wt. dozen, lbs.	13
Per dozen	\$45.00

One-third dozen in a box.

PLASTERING TROWELS IOWA



Spring steel blade, polished and tempered, high semi-polished malleable mounting, four rivets, plain wood handle.

No. 50—11x4½ in. blade; wt. per dozen 11½ lbs.	\$16.00
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One-half dozen in a box.

STAR



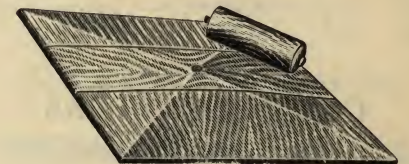
For Home and Farm Use

Cast steel, 18 gauge, riveted to steel mounting, hardwood handle.

No. 203—10 in. blade; wt. one dozen 10½ lbs.	\$4.50
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One dozen in a box.

PLASTERERS' HAWKS MARSHALLTOWN WOOD



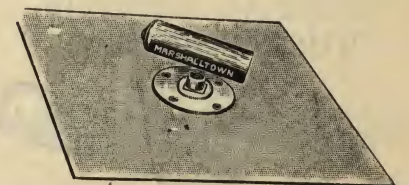
With Detachable Handle

Clear seasoned redwood, with dove-tailed wedge which prevents warping; 4½ in. handle with bolt extending all the way through.

No. 22—13½x13½ in.; wt. per doz.	25 lbs.	\$19.50
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One-third dozen in a box.

MARSHALLTOWN ALUMINUM



With Detachable Handle and Rubber Callous Preventer

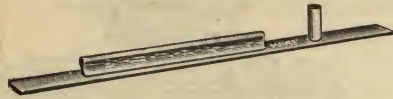
Hard rolled aluminum, patent aluminum flange; 5 in. handle with bolt extending all the way through. Callous preventer fits over handle and against flange; rounded corners.

No. 2—13½x13½ in., wt. per doz.	28 lbs.	\$40.00
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One-quarter dozen in a box.

PLASTERERS' DARBIES

MARSHALLTOWN ALUMINUM



Hard Rolled, Straight Smooth Edges

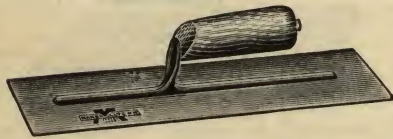
-Per dozen

No. 2—44 in. long, $3\frac{1}{2}$ in. wide, 18 in. rib, $3\frac{1}{2}$ in. handle; wt. per dozen 30 lbs.....\$60.00

One-half dozen in a box.

CEMENT TROWELS

MARSHALLTOWN



Slightly Convex on Face

Light flexible crucible spring steel blade, tempered and ground, special analysis mounting, hard steel rivets, balanced fine finished tapered smooth handle.

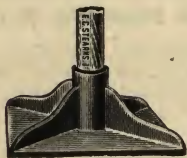
Per dozen

No. MC64—14x4 in. blade; weight per dozen 13 lbs.....\$51.00

One-third dozen in a box.

CEMENT TAMPERS

STEARNS



Japanned cast iron base, iron pipe handle.

Each

No. 151—8x8 in. square 4 ft. handle; weight each 18 lbs.....\$3.00

TUCK POINTERS



Iron, nickel plated, hardwood handle. For masons and bricklayers use for beading and pointing between cement blocks, stone, brick, etc.

Per dozen

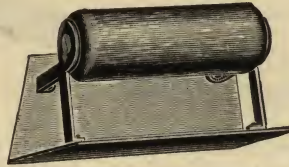
No. 12—Concave, $9\frac{1}{2}$ in. long, 5 in. blade; wt. per dozen 4 lbs.....\$8.50

No. 61—Convex, $9\frac{1}{2}$ in. long, 5 in. blade; wt. per dozen 4 lbs..... 8.50

One-half dozen in a box.

CORNER TROWELS

MARSHALLTOWN



Inside Square Corner

Polished steel; black mountings; handles mortised.

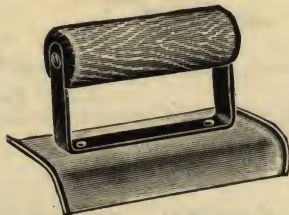
Per dozen

No. 65—6 in. long; $2\frac{1}{2}$ in. sides; 88 degree angle; weight per dozen $10\frac{1}{2}$ lbs.\$15.00

One-half dozen in a box.

STEEL CEMENT EDGERS

MARSHALLTOWN



Curved ends; $\frac{3}{8}$ in. radius; polished steel; black mountings; handles mortised; light and easy to handle.

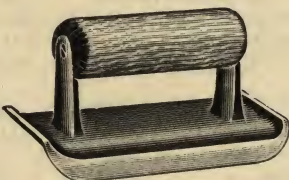
Per dozen

No. 135—3x5 in.; weight per dozen 8 lbs.\$9.50

One-half dozen in a box.

IRON CEMENT EDGERS

MARSHALLTOWN



Curved ends; black finish top; polished face; mortised handle.

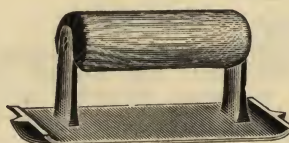
Per dozen

No. 225—6 in. long; $2\frac{3}{4}$ in. wide; $\frac{3}{8}$ in. radius; wt. per dozen 12 lbs.\$9.50

One-half dozen in a box.

IRON CEMENT GROOVERS

MARSHALLTOWN



Both Ends Curved

Black finish top; polished face; mortised handle. Cuts groove $\frac{1}{2}$ in. deep and $\frac{1}{2}$ in. wide at top. Light, malleable iron; smooth hardwood handle.

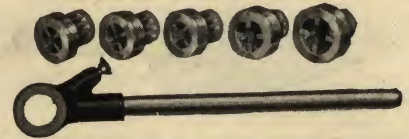
Per dozen

No. 265—6 in. blade; $2\frac{3}{4}$ in. wide; weight per dozen 12 lbs.....\$9.50

One-half dozen in a box.

PIPE STOCKS AND DIES

TOLEDO RATCHET

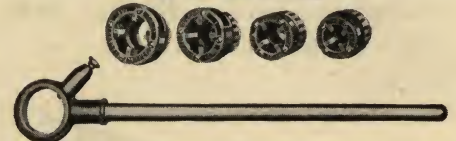


Consists of ratchet handle and die heads complete which can be changed instantly. Will thread pipe in corners.

Per set

No. 00—Capacity $\frac{1}{8}$ to $\frac{3}{4}$ in. pipe; 14 in. ratchet handle and 5 die heads, threading $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$ and $\frac{3}{4}$ in. pipe; weight per set 10 lbs.\$24.70

One set in a box.



Similar in design to No. 00 except somewhat larger. Produces perfectly tapered threads. Die heads are instantly changed by pulling the ratchet pawl knob.

Per set

No. 11—Capacity $\frac{1}{2}$ to $1\frac{1}{4}$ in. pipe; ratchet handle and 4 die heads, threading $\frac{1}{2}$, $\frac{3}{4}$, 1 and $1\frac{1}{4}$ in. pipe; wt. per set 13 lbs.....\$24.00

One set in a box.

"OK" IN SETS



With "OK" Solid Square Pipe Dies

Malleable iron stock with handles, equipped with lead screw, and "OK" forged pipe dies and bushings for each cutting size.

Red enameled stock; polished knurled tubular steel handles.

Nos.	1	$1\frac{1}{2}$ A
Threading	$\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1	$\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$
Size dies, in...	$2\frac{1}{2}$ x $2\frac{1}{2}$ x $\frac{3}{4}$	3x3x $\frac{3}{4}$
Lgth. stock, in.	37	48
Wt. set, lbs...	$11\frac{1}{2}$	$17\frac{1}{2}$
Per set	\$13.70	15.00

No.	2
Threading	$1\frac{1}{4}$, $1\frac{1}{2}$, 2
Size dies, in.....	4x4x $\frac{7}{8}$
Length stock, in.....	51
Wt. set, lbs.....	22
Per set	\$18.90

One set in a box.

PUMPMAKER'S STOCKS AND DIES

G. T. D.



With O. K. Adjustable Dies

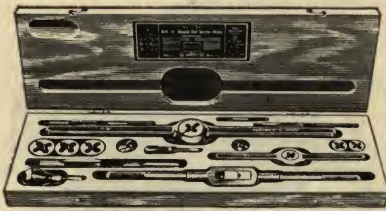
Used in pump installation and repair work to thread the ends of pump rods ready for the couplings.

Each

No. 920— $14\frac{1}{2}$ in. long, cutting $\frac{3}{8}$ -14, and $\frac{1}{2}$ -12 V thread $\frac{3}{8}$ in. over-size; weight each $1\frac{1}{8}$ lbs.....\$5.10

SCREW PLATES

"O. K." JR.



Round split dies, well balanced die stocks with adjustable guides, adjustable tap wrench, two screws drivers and plug taps, put up in hardwood case.

N. C. (U. S. S.) Threads

Per set
No. 405—7 sizes taps and dies cutting $\frac{1}{4}$ -20, $\frac{5}{16}$ -18, $\frac{3}{8}$ -16, $\frac{7}{8}$ -14, $\frac{1}{2}$ -13, $\frac{5}{8}$ -11 and $\frac{3}{4}$ -10 threads. One 9 in. stock for 1 in. O. D. dies $\frac{1}{4}$ to $\frac{3}{8}$ in. and one 17 $\frac{1}{2}$ in. stock for 1 $\frac{1}{2}$ in. O. D. dies $\frac{1}{8}$ to $\frac{3}{4}$ in. one 15 in. tap wrench and 2 screw drivers: wt. per set 9 $\frac{1}{2}$ lbs.\$15.30

N. F. (S. A. E.) Threads

Per set
No. 431—5 sizes taps and dies cutting $\frac{1}{4}$ -28, $\frac{5}{16}$ -24, $\frac{3}{8}$ -24, $\frac{7}{8}$ -20 and $\frac{1}{2}$ -20 threads, one 9 in. stock for 1 in. O. D. dies $\frac{1}{4}$ to $\frac{3}{8}$ in. and one 17 $\frac{1}{2}$ in. stock for 1 $\frac{1}{2}$ in. O. D. dies $\frac{1}{8}$ to $\frac{1}{2}$ in. one 15 in. tap wrench and 2 screw drivers; wt. per set 7 $\frac{1}{2}$ lbs.\$12.30

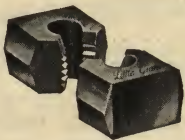
Combination Set

N. C. (U. S. S.) and N. F. (S. A. E.) Threads

Per set
No. 310C—10 sizes, 5 taps and dies cutting $\frac{1}{4}$ -20, $\frac{5}{16}$ -18, $\frac{3}{8}$ -16, $\frac{7}{8}$ -14, $\frac{1}{2}$ -13 and 5 taps and dies cutting $\frac{1}{4}$ -28, $\frac{5}{16}$ -24, $\frac{3}{8}$ -24, $\frac{7}{8}$ -20, $\frac{1}{2}$ -20 threads. One 9 in. stock for 1 in. O. D. dies $\frac{1}{4}$ to $\frac{3}{8}$ in., one 17 $\frac{1}{2}$ in. stock for 1 $\frac{1}{2}$ in. O. D. dies $\frac{1}{8}$ to $\frac{1}{2}$ in., one 11 in. tap wrench, brace holder for 1 in. O. D. dies and 2 screw drivers; wt. per set 8 $\frac{1}{2}$ lbs.\$20.80

SCREW PLATE DIES

LITTLE GIANT



For Use in Little Giant Collets

National Coarse (U.S.S.) Threads

Size, in. $\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$ $\frac{7}{8}$
Threads to in. 20 18 16 14
Each\$1.50 1.50 1.90 1.90

Size, in. $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$
Threads to in. 13 11 10
Each\$2.30 2.70 3.00

National Fine (S.A.E.) Threads

Size, in. $\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$ $\frac{7}{8}$
Threads to in. 28 24 24 20
Each\$1.50 1.50 1.90 1.90

Size, in. $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$
Threads to in. 20 18 16
Each\$2.30 2.70 3.00

NOTE—When ordering specify outside diameter of collet.

ROUND SPLIT DIES

"O. K." JR.



Designed for work in screw plates.

Held in stock by three tapered screws, which are also used for proper adjustment. Specify outside diameter and cutting size.

N. C. (U.S.S.) Threads 1 Inch Outside Diameter

Size $\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$
Threads 20 18 16
Each\$0.80 .80 .80

1 $\frac{1}{2}$ Inch Outside Diameter

Size $\frac{1}{8}$ $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$
Threads 14 13 11 10
Each\$1.30 1.30 1.30 1.50

HAND TAPS

G. T. D.

No. 303



Taper



Plug



Bottoming

Specify if NC (U. S. S.) or NF (S. A. E.) threads are wanted. Left hand taps are special.

Diam. Tap, in.	No. threads to inch		Each
	NC	NF	
$\frac{1}{4}$	20	28	\$0.55
$\frac{5}{16}$	18	24	.65
$\frac{3}{8}$	16	24	.70
$\frac{7}{8}$	14	20	.80
$\frac{1}{2}$	13	20	.95
$\frac{5}{8}$	11	18	1.20
$\frac{3}{4}$	10	16	1.90

PIPE TAPS

G. T. D.



American Standard

Taper; carbon steel; right hand.

Size, in. $\frac{1}{8}$ $\frac{1}{4}$ $\frac{3}{8}$ $\frac{1}{2}$
Threads 27 18 18 14
Wt. ea., lbs. $\frac{1}{8}$ $\frac{1}{8}$ $\frac{1}{4}$ $\frac{1}{2}$
Each\$0.70 .90 1.10 1.45

Size, in. $\frac{3}{4}$ 1 1 $\frac{1}{4}$
Threads 14 11 $\frac{1}{2}$ 11 $\frac{1}{2}$
Wt. ea., lbs. $\frac{7}{8}$ 1 $\frac{3}{8}$ 2
Each\$2.00 3.10 4.25

STOVE BOLT TAPS

G. T. D.



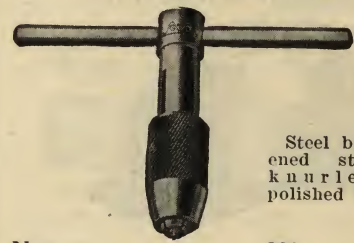
American Screw Co. Standard

No. 314—Furnished in plug style only

Diameter, in. $\frac{3}{8}$ $\frac{1}{2}$
Threads 24 20
Wt. ea., oz. $\frac{1}{4}$ $\frac{3}{8}$
Each\$0.40 .55

TAP WRENCHES

G. T. D. T-HANDLE



Steel body, hardened steel jaws, knurled chuck polished finish.

Nos. 329 333
Length, in. 2 $\frac{1}{2}$ 3 $\frac{5}{8}$
For taps, in. $\frac{1}{8}$ - $\frac{3}{4}$ $\frac{1}{8}$ - $\frac{1}{2}$
Wt. each, oz. 3 8
Each\$0.95 1.65

One in a box.

SCREW EXTRACTORS LITTLE GIANT



For Removing Broken Screws

To operate, drill a shallow hole in the broken screw and insert proper size extractor and turn to left. The twist forces the spirals of the extractor to grip the sides of the drilled hole and as additional force is brought to bear on the tap wrench, the screw begins to "come," after which it is an easy matter to spin it out on its own thread.

Nos. 804 805 806
Small end, in. $\frac{1}{8}$ $\frac{1}{4}$ $\frac{3}{8}$
Large end, in. $\frac{3}{8}$ $\frac{1}{2}$ $\frac{3}{4}$
Length thread, in. 1 $\frac{1}{4}$ 1 $\frac{1}{2}$ 1 $\frac{3}{4}$
Over all, in. 3 3 $\frac{3}{8}$ 3 $\frac{3}{4}$
Drill size $\frac{1}{4}$ $\frac{3}{8}$ $\frac{1}{2}$
Each\$0.65 .70 .80

BIT STOCK REAMERS CLEVELAND



No. 137A—Taper $\frac{3}{4}$ in. Per Foot

Carbon steel, polished.

Size, in. $\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$ $\frac{7}{8}$
Length, in. 4 4 $\frac{1}{8}$ 4 $\frac{1}{4}$ 4 $\frac{3}{8}$
Wt. each, oz. 1 1 $\frac{1}{2}$ 2 2 $\frac{1}{2}$
Each\$0.90 .90 .95 1.00

Size, in. $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$
Length, in. 4 $\frac{1}{2}$ 4 $\frac{3}{4}$ 5
Wt. each, oz. 3 4 5
Each\$1.05 1.35 1.75

Six in a box.

BURRING REAMERS

G. T. D.



Straight flutes, bit brace shank

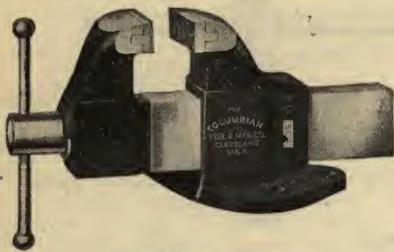
High grade carbon steel, hardened and tempered for removing burrs caused by cutting pipe also for countersinking and enlarging holes in sheet metal.

Nos. 1 2
Capacity pipe, in. $\frac{1}{4}$ to 1 $\frac{1}{4}$ $\frac{1}{4}$ to 2
Diam. point, in. $\frac{1}{4}$ $\frac{1}{4}$
Diam. heel, in. 1 $\frac{3}{8}$ 2 $\frac{1}{4}$
Wt. each, lbs. $\frac{1}{2}$ 1
Each\$1.90 3.90

One in a box.

VISES

COLUMBIAN MACHINISTS'



Stationary Base

Malleable iron castings, replaceable tool steel jaws, cold rolled steel screw, hardened steel bearing washers.

Nos.	503	503½	504
Width jaws, in....	3	3½	4
Jaws open, in....	4½	5	6
Weight each, lbs...	20	27	35
Each	\$16.00	18.00	20.40



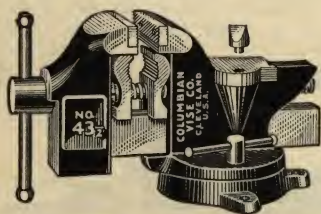
Swivel Base

Corrugated swivel positive locking bench plate, malleable castings, replaceable tool steel jaws, cold rolled steel screw, hardened steel bearing washers.

Nos.	603½	604
Width jaws, in....	3½	4
Jaws open, in....	5	6
Weight each, lbs....	32	39
Each	\$24.00	27.20

Nos.	604½	605
Width jaws, in....	4½	5
Jaws open, in....	7	8
Weight each, lbs....	55	70
Each	\$32.00	48.00

COLUMBIAN GARAGE, HOME AND SHOP



Swivel Base

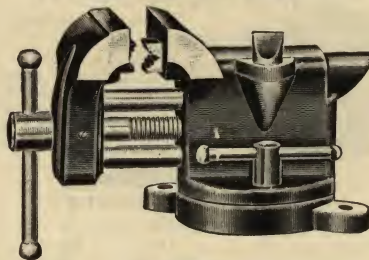
Malleable castings, replaceable tool steel jaws, removable pipe jaws, new anvil horn and support. A heat treated anvil cut-off tool included with each vise. Bright red and polished finish.

Nos.	43	43½	44
Width jaws, in.	3	3½	4
Jaws open, in..	3½	4	4½
Holds pipe, in... 1/8 to 1¼	1/8 to 1¼	1/8 to 1½	1/8 to 2
Wt. each, lbs...	14	17	28
Each	\$4.00	6.00	10.00

One in individual cartons.

VISES

VINDEK HOME WORKSHOP

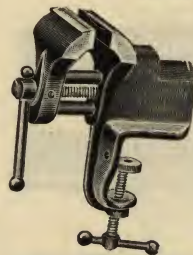


Swivel Base

With removable steel pipe jaws which can be used in vertical or horizontal position. A steel cut-off anvil tool furnished with each vise. Green and polished finish.

No. 400—3 in. jaws; weight each 10 lbs.	\$3.00
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VINDEK CLAMP

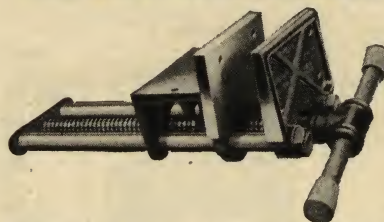


Machined and polished jaws. Double guide pin construction makes easy operation and perfect alignment possible.

Rigid, sturdy construction, green enameled finish.

Nos.	49	77	343
Width jaws, in....	1¾	2½	3
Weight each, lbs....	2	3¾	7½
Each	\$0.75	1.30	1.90

COLUMBIAN WOODWORKERS'



Continuous screw, solid nut, plain front jaw.	Each
No. 3C—10x4 in. jaws, open 12 in.; weight each 30 lbs.....	\$12.00

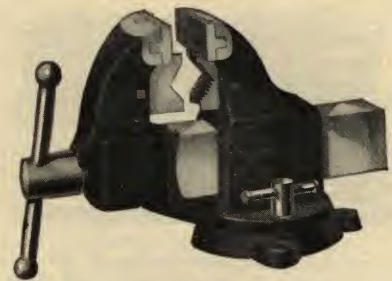
SOLID BOX VISES
BLACKSMITHS'

Japanned forged steel body, jaws and hinge plate, japanned malleable iron box and bench plate, polished tempered tool steel inserted jaws, steel screw and sliding lever handle, steel spring between jaws.

Nos.	50	60	70
Weight each, lbs...	50	60	70
Width jaws, in....	4¼	4½	5
Each	\$13.30	17.20	21.35

PIPE VISES

COLUMBIAN COMBINATION

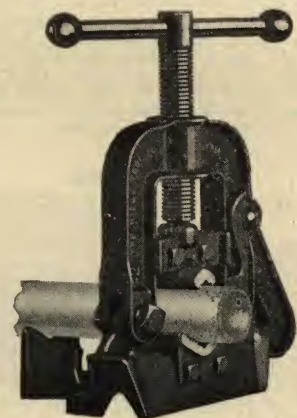


Swivel Base

Malleable castings, replaceable tool steel jaws, removable pipe jaws with double working ends.

Nos.	203½	204½	205
Wd. jaws, in.	3½	4½	5
Jaws open, in.	4	5	6
Holds pipe, in. 1/8 to 2½	1/8 to 3½	1/8 to 4½	
Wt. each, lbs..	35	58	90
Each	\$28.00	38.40	56.00

RIGID BENCH



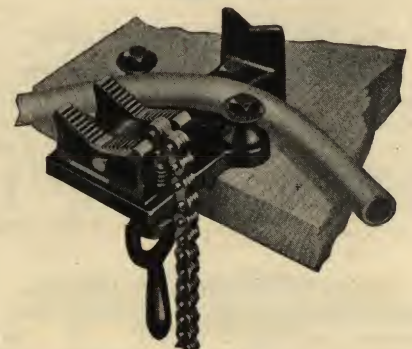
Yoke Type

Equipped with pipe support and practical pipe bender.

No-mar jaws for nickel plated pipe.

Nos.	BY2½	BY3½
Holds pipe, in.... 1/8 to 2½	1/8 to 3½	
Wt. each, lbs.....	9	15
Each	\$7.30	11.00

RIGID CHAIN BENCH



With Pipe Bender

Provides a wide open set-up, just place on pipe and tighten chain.

No. BC5—Holds pipe 1/8 to 5 in. bending capacity in pipe; wt. each 10 lbs.....	\$14.70
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PLIERS

COMET THIN STRAIGHT NOSE COMBINATION



Slip Joint, Wire Cutter

Drop forged steel, nickel plated, knurled handles.

Per dozen

No. 01—6½ in. long; wt. per doz. 6 lbs.\$2.80
One in a box.

DIAMOND SPECIAL COMBINATION



Slip Joint

Forged steel, natural finish.

Per dozen

No. D1000—6 in. long; wt. per doz. 6 lbs.\$2.25
One dozen in a carton.

CEE-TEE-CO COMBINATION



Slip Joint, Wire Cutter

Forged steel, nickel finish; checkered handles.

Carefully machined, hardened and oil tempered.

Nos.	H25	H26	H28	H210
Length, in.	5	6	8	10
Cap., in.	¾	1	1¼	1½
Wt. doz., lbs. . . .	2¾	6	7½	12
Per dozen	\$4.55	4.55	6.70	9.85

One dozen in a box.

In Bulk

Per dozen

No. H26B—6 in. long\$4.00
One dozen in a carton.

CRESCENT THIN STRAIGHT NOSE COMBINATION



Slip Joint, Wire Cutter

Forged steel; polished and nickel plated; checkered handles; sharp, strong teeth.

Case hardened bolt and nut.

Nos.	L25	L26
Length, in.	5	6
Cap., in.	¾	1
Wt. doz., lbs.	2¼	3¾
Per dozen	\$7.70	7.70

One in a box.

CRESCENT THIN BENT NOSE COMBINATION



Slip Joint, Wire Cutter

Forged steel, polished and nickel plated; checkered handle; 30° bend.

Per dozen

No. J26—6 in. long; cap. 1 in.; wt. per doz. 5¼ lbs.\$9.35
One in a box.

PLIERS

CRESCENT UNIVERSAL COMBINATION



Slip Joint, Wire Cutter

Forged steel, polished and nickel plated; checkered handles; one jaw curved; other jaw has groove.

Per dozen

No. D27—7 in. long; cap. 1 in.; wt. doz. 6¾ lbs.\$9.35
One in a box.

CRESCENT SIDE CUTTING COMBINATION



Slip Joint, Wire Cutter

Forged steel, nickel plated; checkered handles.

Same as No. L26 except for the side cutter which has keen edges and will cut easily.

Per dozen

No. LS26—6 in. long; cap. 1 in.; wt. per doz. 3¾ lbs.\$11.50
One in a box.

CRESCENT SIDE CUTTING COMBINATION



No. 950—Slip Joint, Side and Shear Cut
Forged steel, nickel plated; knurled barrel stave shaped handles; V cut in jaws to hold wire firmly.

Length, in.	5½	7
Wt. per doz., lbs.	3¾	6
Per dozen	\$19.70	23.70

One in a box.

CRESCENT BUTTONS' PATTERN



No. 1000—With Knurled Handles

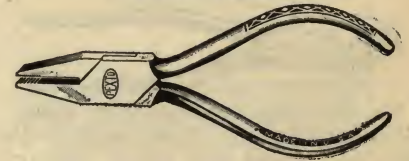
Forged steel; full polished finish; with three Buttons' cutters; pipe grip and teeth in extreme tip of nose.

Length, in.	6	8	10
Wt. doz., lbs.	6	9	14
Per dozen	\$12.25	14.65	19.45

One in a box.

PLIERS

FLAT NOSE



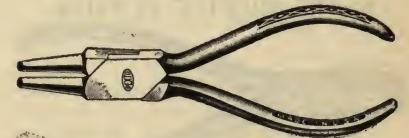
No. 200—Knurled Handles

Forged steel, full polished, lap joint.

Length, in. . .	4	5	6	7
Wt. doz., lbs..	2½	2¾	3¾	6
Per dozen ...	\$9.00	11.50	11.50	14.00

One in a box; one-half dozen in a carton.

ROUND NOSE



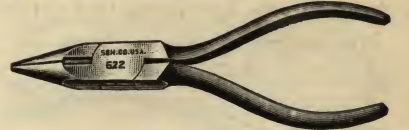
No. 250—Knurled Handles

Forged steel, full polished, lap joint.

Length, in. . .	4	5	6	7
Wt. doz., lbs..	2½	2¾	3¾	6
Per dozen ...	\$9.00	11.50	11.50	14.00

One in a box; one-half dozen in a carton.

CRESCENT SHORT CHAIN NOSE



Side Cutting

Forged steel, made for the skilled mechanical worker, light weight, perfectly balanced, tested cutting edges; full polished.

Per dozen

No. 622—5 in. long; wt. per dozen 3 lbs.\$17.50
One in a box.

CRESTOLOY LONG NOSE



Side Cutting

Forged Crestoloy steel; polished head; gun metal handles.

Long nose reaches into tight places; cutter will cut any wire used in radio work.

Per dozen

No. 654—6 in.; length of nose 2½ in.; length over all 6½ in.; wt. per doz. 3¾ lbs.\$23.30
One in a box.

KLEIN LONG NOSE



Side Cutting

Forged special bar steel; carefully tempered and hardened; polished head, black finish, point ½ in. round.

Special features are its adaptability to stripping the ends of insulated wire and the extra long reach of the jaws.

Per dozen

No. 203—6 in. long; wt. per dozen 3 lbs.\$36.00
One in a box; one-half dozen in a carton.

**Our Line of Pliers
Includes a Type and
Grade for Every
Requirement**

PLIERS

KLEIN LINEMEN'S



No. 201—Side Cutting—N. E. Type

Forged tool steel; blued handles; polished head; round nose, spring tempered; for use on bare and insulated wire.

Adaptable for all uses where a high quality plier of this type is required.

Length, in. 6 7 8
Wt. dozen, lbs. 5 7½ 12
Per dozen\$38.40 44.40 48.00
One in a box; one-half dozen in a carton.

KLEIN OBLIQUE CUTTING



Lap Joint

Forged tool steel; hardened and tempered; perfectly fitted knives; narrow head; polished head; blued handles.

Per dozen
No. 202—5 in. long; wt. per dozen
4 lbs.\$30.00
One in a box; one-half dozen in a carton.

"OUR SPECIAL" DIAGONAL CUTTING



Per dozen
No. 486B—5 in. long; wt. per dozen
4 lbs.\$8.00
One in a box; one-half dozen in a carton.

CRESTOLOY DIAGONAL CUTTING



Smooth Joint Action

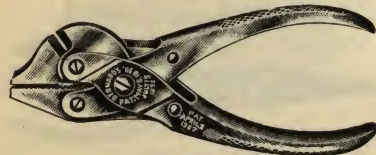
Forged Crestoloy steel; full polished; good leverage; keen edges; heavy rivet. Each plier individually tested.

Per dozen
No. 742—7 in. long; wt. per dozen
6¾ lbs.\$25.90

A new cutting plier designed for hard continuous work; plenty of metal to back up the keen cutting edges.

One in a box.

BERNARD FLAT NOSE CUTTING



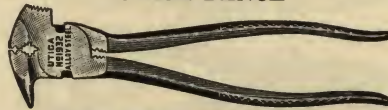
No. 102—"Gorilla Grip"

Drop forged heat treated alloy steel, nickel plated and polished, sealed hollow steel handles. Parallel jaws, open throat, projecting cutter blades, dual fulcrum.

Length, in. 5½ 6½ 8
Cutting cap., in. ½ ¾ 1
Wt. per doz., lbs. 5¼ 7½ 13¼
Per dozen\$28.00 36.00 52.00
One-half dozen in a box.

PLIERS

UTICA FENCE



For Metal or Wood Posts

Forged steel; blued finish; knurled handles.

This tool can be used on all types of fence posts. No other tool needed in fence building or repairing.

Cuts and splices wire, pulls staples, straightens bent lugs; corrugated hammer head.

Double roll knurled handles which will not slip in a gloved hand.

Per dozen
No. 1932—10¼ in. long; wt. per
dozen 14¼ lbs.\$21.35
One in a box.

NIPPERS

CRESTOLOY END CUTTING



No. 72—Forged Crestoloy Steel

Polished head; gun metal handles; individually tested.

This tool has been entirely redesigned. The width of blades, the clearance in the throat, the leverage ratio of handle to blade, the sharpening of the blades and the angle at which they meet are points that have been worked out in this tool.

Length, in. 6 7
Width of cutting edge, in. 1⅞ 1⅝
Wt. per dozen, lbs. 6¾ 9
Per dozen\$17.25 19.90
One in a box.

PEXTO



Removable Tool Steel Jaws

Each jaw has two fine cutting edges. Jaws held in place by two screws and are easily reversible, adjustable and interchangeable.

Japaned iron handles.

Nos. 1 3
Length, in. 12 10
Wt. each, lbs. 2¼ 1½
Each\$4.80 4.60
Extra JawsPair 1.95 1.70
Two in a box.

CARPENTERS' PINCERS

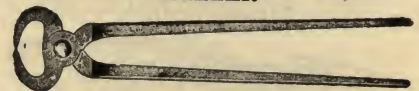
S. & H. CUTTING



No. 282—Drop Forged Steel
Length, in. 6 8 10
Wt. doz., lbs. 5 10 14
Per dozen\$10.55 12.70 14.40
One in a box.

FARRIERS' NIPPERS

HELLER



Standard Pattern

Forged steel; black finish; polished jaws.

Nos. 24A 24
Length, in. 12 14
Weight per dozen, lbs. 20 28
Per dozen\$20.50 21.60

One-half dozen in a box.

HOOF PARERS

HELLER



Standard Pattern

Forged steel; black finish; polished jaws.

Per dozen
No. 123A—12 in. long; wt. per doz.
20 lbs.\$24.50
One-half dozen in a box.

BLACKSMITHS' PINCERS

HELLER



Forged steel, black finish.

Nos. 110 109
Length, in. 12 14
Wt. dozen, lbs. 18 26
Per dozen\$19.50 20.50

One-half dozen in a box.

BOLT CLIPPERS

PORTER NEW EASY



Rigid Type

Tool steel jaws; japanned malleable iron handles; with rubber buffers.

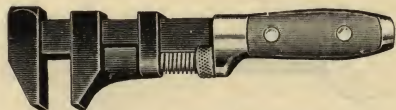
Practical tools for cutting bolts, rods and wire. The simple turn of a screw provides ample adjustment to take up for wear.

Nos. 0-NE 1-NE 2-NE 3-NE
Length, in. 18 24 30 36
Cuts blts., in. ⅞ ¾ ½ ⅝
Cuts rods, in. ¼ ⅜ ½ ⅝
Wt. each, lbs. 3¼ 5¼ 8½ 12½
Each\$6.00 7.50 10.50 13.50
Ex. Jaws Pr. 3.00 3.70 5.20 6.60

Swivel Type

With ball and socket joint, permits cutting at any desired angle.

Nos. 0-NES 1-NES 2-NES
Length, in. 19 25 31
Wt. each, lbs. 4 6¼ 9¾
Each\$9.00 12.00 15.60
Extra Jaws, Pr. 3.00 3.70 5.20



Length, in.	8	10	12
Opens, in.	1¼	1¾	2⅞
Wt. dozen, lbs....	16	25	40
Per dozen	\$15.10	18.50	23.50

Length, in.	15	18
Opens, in.	2 ¹ / ₈	3 ¹ / ₈
Wt. dozen, lbs.	53	80
Per dozen	\$31.90	40.60



Length, in.	6	8	10
Opens, in.	$\frac{7}{8}$	$1\frac{3}{8}$	$1\frac{3}{4}$
Wt. doz., lbs.	9	$14\frac{1}{2}$	20
Per dozen	\$7.20	8.65	10.10

Length, in.	12	15
Opens, in.	2	2 $\frac{1}{8}$
Wt. dozen, lbs.	28	42
Per dozen	\$13.00	17.25



Nos.	206	208
Length, in.	6	8
Capacity, in.	$\frac{3}{4}$	$\frac{1}{8}$
Thickness of head, in.		
Thickest point	$\frac{1}{2}$	$\frac{1}{2}$
Tip of jaw	$\frac{1}{2}$	$\frac{1}{4}$
Wt. each, oz.	5	8
Per dozen	\$7.70	9.60

No.	210
Length, in.	10
Capacity, in.	1 $\frac{1}{8}$
Thickness of head, in.	
Thickest point	$\frac{1}{8}$
Tip of jaw	$\frac{3}{8}$
Wt. each, oz.	13
Each	\$12.50



Nos.	A14	A16	A18	A110
Lgth., in. ..	4	6	8	10
Opens, in. ..	½	¾	⅞	1⅞
Wt. dz., lbs.	1½	3½	7½	13½
Per doz.	\$11.30	11.30	13.90	17.30

Nos.	A112	A115
Length, in.	12	15
Opens, in.	1 $\frac{5}{8}$	1 $\frac{1}{8}$
Wt. doz., lbs.	24	51 $\frac{1}{2}$
Per dozen	\$25.90	38.85



Nos.	AC16	AC18
Length, in.	6	8
Cap., in.	$\frac{3}{4}$	$\frac{1}{2}$
Thickness head, in.		
Thickest point	$\frac{1}{2}$	$\frac{1}{2}$
Tip of jaws	$\frac{7}{8}$	$\frac{1}{4}$
Wt. dozen, lbs.	$3\frac{3}{4}$	6
Per dozen	\$14.85	18.00

Nos.	AC110	AC112
Length, in.	10	12
Cap., in.	1 $\frac{7}{8}$	1 $\frac{1}{2}$
Thickness head, in.		
Thickest point	1 $\frac{1}{2}$	3 $\frac{1}{4}$
Tip of jaws	3 $\frac{1}{8}$	3 $\frac{1}{2}$
Wt. dozen, lbs.	9 $\frac{3}{4}$	18
Per dozen	\$22.80	31.90

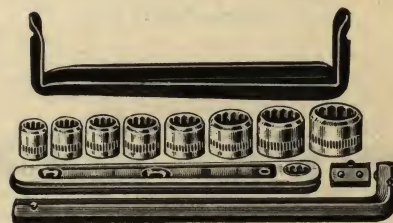
No. AC124—Extra Heavy—24 in.
long, 2 $\frac{7}{8}$ in. opening; wt. each
9 lbs. **\$10.00**

For	Prices per dozen		
Wrench	Jaws	Knurls	Pins
A14	\$ 4.08	1.68	.72
A16	4.08	1.68	.72
A18	5.05	1.92	.72
A110	6.70	2.40	.72
A112	10.10	4.08	1.68
A115	14.15	5.75	1.68

For Wrench	Prices per dozen		
	Jaws	Knurls	Pins
AC16	\$ 5.04	1.92	.72
AC18	6.24	2.40	.72
AC110	7.92	2.88	.72
AC112	11.52	4.32	1.68
AC124	32.15	6.50	2.40



Per set



Per set

No. 1801—Contains 8 heat treated double hex (12 point) broached sockets $\frac{1}{2}$, $\frac{3}{8}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, and 1 in., one $9\frac{1}{8} \times \frac{1}{2}$ in. hexagon Ell handle, one 8 in. ratchet handle and one screw driver adapter $1\frac{1}{8} \times \frac{1}{2}$ in. hex.; wt. per set 2 $\frac{1}{2}$ lbs. **\$1.50**

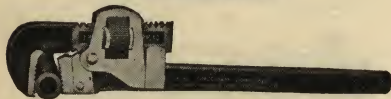


Per set

No. 2522F—Contains 14—12 point sockets $\frac{3}{32}$, $\frac{3}{8}$, $\frac{1}{16}$, $\frac{1}{2}$, $\frac{1}{8}$, $\frac{3}{16}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{11}{16}$, $\frac{3}{4}$, $\frac{13}{16}$, $\frac{7}{8}$, $\frac{15}{16}$, $1\frac{1}{8}$ in., 3-square sockets $\frac{3}{8}$, $\frac{1}{2}$ in., ratchet handle, short adapter, long extension and Ell handle; wt. per set 7 lbs.....\$3.45

PIPE WRENCHES

TRIMO-ALLOY



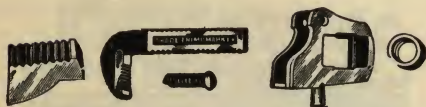
Safety Steel

Drop forged manganese-chrome-molybdenum and nickel steel alloys, heat treated, twice the strength, more wear and safety than ever before built into a pipe wrench. Equipped with nut guards.

Lgth., in.	For Pipe, in.	Wt. each, lbs.	Each
6	1/8 to 1/2	1 1/8	\$1.25
8	1/8 to 3/4	3/4	1.45
10	1/8 to 1	1 1/2	1.90
14	1/4 to 1 1/2	3	2.55
18	1/4 to 2	5	3.60
24	1/4 to 2 1/2	8 1/2	5.60
36	1/2 to 3 1/2	16 3/4	9.80

6 to 18 in., six in a box; 24 and 36 in., open stock.

EXTRA PARTS



All prices each, except Nut Guards per pair.

For Wrench, in....	6	8	10	14
Movable jaw	\$0.44	.46	.72	1.00
Nut .....	.10	.10	.14	.20
Insert jaw and pin .33	.33	.43	.56	
Frame and pin....	.30	.37	.47	.53
Spring and pin....	.03	.03	.03	.03
Frame pins, ex....	.03	.03	.03	.03
Jaw pins, ex....	.03	.03	.03	.03
Nut guards .....	.10	.10	.14	.20

For Wrench, in.....	18	24	36
Movable jaw	\$1.43	2.30	3.80
Nut .....	.23	.37	.73
Insert jaw and pin... .63	.73	1.00	
Frame and pin.....	.63	1.17	1.83
Spring and pin.....	.04	.04	.04
Frame pins, ex.....	.04	.04	.04
Jaws pins, ex.....	.04	.04	.04
Nut guards .....	.23	.30	.37

Open stock.

STILLSON PATTERN



Steel Handle

Drop forged tool steel, polished shank, frame and jaw, tested steel spring.

Lgth., in.	For Pipe, in.	Wt. each, lbs.	Each
10	1/8 to 1	1 1/2	\$1.10
14	1/4 to 1 1/2	2 3/4	1.50
18	1/4 to 2	4	2.10

Six in a box.

PIPE WRENCHES

RIGID



Guaranteed Unbreakable Housing

Tool steel jaws; the adjusting nut rides free in open housing which allows a full hand grip making possible a quick and easy adjustment.

Lgth., in.	For Pipe, in.	Wt. each, lbs.	Each
6	1/8 to 3/4	1 1/2	\$1.20
8	1/8 to 1	3/4	1.36
10	1/8 to 1 1/2	1 3/4	1.80
14	1/4 to 2	3 1/4	2.40
18	1/4 to 2 1/2	5	3.40
24	1/4 to 3	8 1/4	5.30
36	1/2 to 4 1/2	16 1/4	9.30

6 to 18 in., six in a box; 24 and 36 in., open stock.

RIGID END WRENCHES



For use in tight places, for coil pipe against a wall. Perfect one hand adjustment.

Nos.	Length, in.	For Pipe, in.	Wt. each, lbs.	Each
E6	6	3/4	1 1/2	\$1.20
E8	8	1	3/4	1.36
E10	10	1 1/2	1 3/4	1.80
E14	14	2	3 1/4	2.40
E18	18	2 1/2	5	3.40
E24	24	3	8 1/4	5.30
E36	36	4 1/2	16 1/4	9.30

6 to 18 in., six in a box; 24 and 36 in., open stock.

EXTRA PARTS FOR EITHER RIGID WRENCH

Prices each.

For wrench, in....	6	8	10	14
Hook jaw	\$0.40	.44	.68	.92
Heel jaw .....	.22	.24	.32	.36
Nut .....	.10	.10	.12	.18
Flat spring .....	.12	.12	.12	.18
Coil spring .....	.03	.03	.03	.03
Pin .....	.03	.03	.04	.04

For wrench, in.....	18	24	36
Hook jaw	\$1.35	2.15	3.55
Heel jaw .....	.44	.50	.68
Nut .....	.24	.32	.38
Flat spring .....	.24	.30	.38
Coil spring .....	.04	.04	.04
Pin .....	.04	.04	.05

Open stock.

CHAIN PIPE WRENCHES

TRIMO



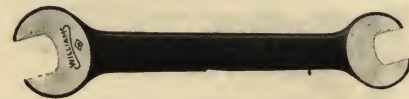
Proof-Tested Flat Link Chain

Drop forged steel, light in weight, strong in action. The handle is designated to give the greatest possible strength.

Nos.	Length, in.	12	13	13 1/2
		27	36	44
Takes pipe, in.	1/4 to 3	3/4 to 4	1 to 6	
Chain brk. str., lbs.	10000	12000	14000	
Weight each, lbs....	10	15 3/4	24	
Each	\$10.00	14.00	18.00	

ENGINEERS' WRENCHES

WILLIAMS



15 Degree Angle, Double Head

Drop forged steel, black finish, milled and case hardened. Semi-finished.

Nos.	Bolt Size	Opening, in.	Lgth., in.	Wt. lbs.	Each
23	1/8-1/4	1 1/2-1 1/2	4 5/8	1 1/8	\$0.36
25	1/4-1/8	1 1/2-1 1/2	5 1/2	1 1/4	.42
27	1/8-3/8	1 1/2-1 1/2	6 1/2	1 3/8	.54
29	3/8-1/2	1 1/2-1 1/2	7 1/2	1 1/2	.64
31	1/2-1/2	1 1/2-1 1/2	8 3/4	1 3/4	.80
33	1/2-1/2	1 1/2-1 1/2	9 1/2	1 1/2	.96
34	1/2-5/8	1 1/2-1 1/2	10 3/4	1 1/2	1.20
35	1/2-5/8	1 1/2-1 1/2	10 3/4	1 1/2	1.20
37	5/8-3/4	1 1/2-1 1/4	12	2 1/4	1.74

SOLID WRENCH SETS

FITZ-ALL



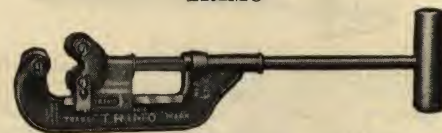
Drop Forged Carbon Steel

Unfinished tempered, parabolic shaped heads.

Per set
No. 2153—Consists of six double end engineers' wrenches giving twelve openings from 3/8 to 1 1/8 in., put up in an all-metal side hinged positive locking container; weight per set 2 3/4 lbs....\$1.10

PIPE CUTTERS

TRIMO



Cadmium Plated Rust-Proof Finish

Drop forged steel frame, chrome-vanadium steel cutter wheel, steel handle and screw, long wheel hubs, cuts without burr, convertible into a three-wheeled cutter by substituting two wheels for the two rolls, fully guaranteed.

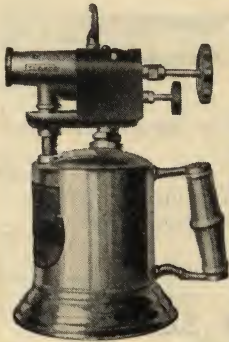
Nos.	1	2	3
Cuts pipe, in.	1/8 to 1 1/4	1/8 to 2	1 to 3
Length, in.	15 3/4	17 1/2	19 1/2
Wt. each, lbs....	5 1/4	6	8 3/4
Each	\$5.50	6.60	11.00

One in a box.

Extra Wheels Smooth Edge

Nos.	1	2	3
Each	\$0.65	.65	1.00

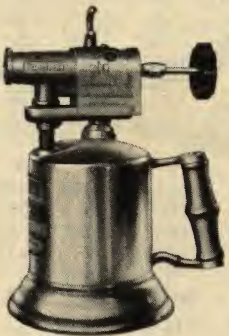
BLOW TORCHES TURNER



Seamless brass tank; highly polished; red lacquered handle. The heavy burner develops a constant, powerful and hot working blast that cannot recede or choke back. New design priming valve. It is impossible to jam the orifice by rough usage. Removable needle tip.

Both valve handles are made of cool composition material, the upper being deeply corrugated to give a firm grip. Equipped with sturdy trouble-free pump unit. Each

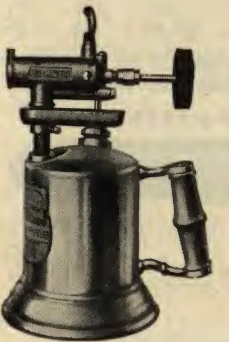
No. 39A—1 qt. capacity; weight each 5 lbs.....\$11.30
One in a carton.



Seamless brass tank; highly polished; red lacquered handle. The new type burner develops exceptionally high heat. Removable cleaning needle tip. Cool composition material valve handle with deep corrugations.

Trouble-free pump unit is mounted on tank.

Each
No. 206A—1 qt. capacity; weight each 4½ lbs.....\$8.00
One in a carton.

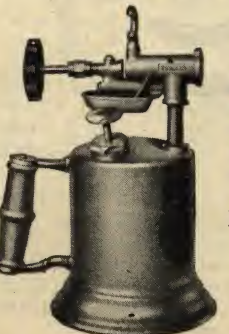


Seamless brass tank, tested to five times its maximum working pressure. Dull satin finish; red lacquered handle.

Improved designed burner will give service without clogging. New type needle valve. Valve handle is made of cool composition material. Filled through top.

Each
No. 30A—1 qt. capacity; weight each 4 lbs.....\$5.20

No. 25A—1 pt. capacity; weight each 3¾ lbs. 5.20
One in a carton.

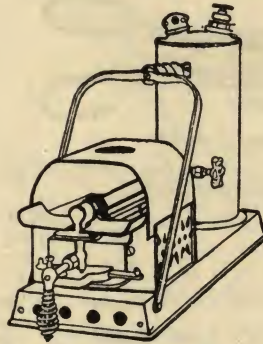


For occasional jobs. Brass tank, safety type pump, Cool composition valve wheel, comfortable pitched handle.

Each
No. 150—1 qt. capacity; weight each 4 lbs..\$4.00

One in a box.

SOLDERING FURNACES IMPROVED GEM SUPER MODEL



Heavy reservoir, reinforced arched bottom, leakless brass pump. Gives maximum generation of heat and economy of gasoline.

Extra heavy burner, improved gasoline filter, galvanized steel reservoir.

Each

No. 3—Capacity 3 quarts, 15 in. high, 20½ in. long, 7 in. wide, 7x5½x3 in. hood, 4¼x1¼ in. diameter burner; shipping wt. each 22½ lbs.....\$28.70
One in a crate.

SOLDERING COPPERS POINTED TYPE



Drawn Copper, Forged

Wt. pair, lbs.....	½	1	1½	2
Per pair	\$0.50	.60	.76	1.00

Wt. pair, lbs.....	2½	3	3½	4
Per pair	\$1.12	1.30	1.45	1.70

Wt. pair, lbs.....	5	6	8
Per pair	\$2.10	2.50	3.30

Open stock.

DRAKE ELECTRIC



50 Watt

For radio and other light work. No. 4 Nichrome on lava spool element.

Each

No. 55B—With ¾ and ⅝ in. removable tips, 50 watts, 110 volts A. C. or D. C., complete with 6 ft. cord and rubber plug; weight each 2 lbs.....\$2.00



80 Watt

Designed for radio work. No. 4 Nichrome on lava spool element, guaranteed for 2 years.

Each

No. 225—¾ in. removable tip, 80 watts, 110 volts A. C. or D. C., complete with 6 ft. cord and rubber plug; weight each 2 lbs..\$3.35



150 Watt

For use in machine shops, garages, etc. No. 4 Nichrome on lava spool element, guaranteed for 2 years.

Each

No. 703B—1½ in. removable tip, 150 watts, 110 volts A. C. or D. C., complete with 6 ft. cord and rubber plug; weight each 3 lbs..\$8.00

All above, one in a box.

SOLDERING COPPER HANDLES



Soft Wood, Wired Per dozen
No. 670—5¾ in. long; weight per dozen 2½ lbs.....\$1.20
Three dozen in a box.

ELECTRIC WELDING RODS OXWELD



No. 7—Drawn Iron Rods

Copper coated, for steel plates, sheets, steel castings, structural shapes, pipe, etc.
Diam., in. ⅜ ½ ⅞ ¾
Length, in. 36 36 36 36
Per pound \$0.32 .32 .30 .30

No. 9—Cast Iron Rod

For Gray iron castings.

Diam., in.	⅜	½	¾
Length, in.	12-18	21-24	
Per pound	\$0.28	.24	

No. 3—Nickel Steel Rod

For cold rolled shafting, nickel or chrome steel.

Diam. in.	⅜	½
Length, in.	36	36
Per pound	\$0.36	.34

No. 1HT—High Test Patent Steel Rod
For high strength welds in steel plates, sheets, structural shapes, pipe, steel castings, etc.

Diam. in.	⅜	½
Length, in.	36	36
Per pound	\$0.42	.40

No. 25—Patent Bronze Rod

For high strength, wear resisting welds in copper, brass and for bronze-welding malleable iron, steel and cast iron, non-fuming.

Diam., in.	⅜	½	¾
Length, in.	36	36	36
Per pound	\$0.88	.77	.70

OXWELD FLUXES

Per can

Ferro Flux—For cast iron; 1 lb. cans....\$1.50

Brazo Flux—For brass, bronze, copper or malleable iron; 1 lb. cans 1.70



PRESTO WELDING EQUIPMENT

We Can Furnish Any Item in This Line, Special Catalog and Prices Furnished on Application.

TINNERS' AWLS STANLEY "HURWOOD"



One piece steel blade, shank and head, tapered point, carefully formed and tempered, polished and stained black handle.

Nos.	6	7
Length, blade, in.....	2¾	3½
Length over all, in.....	5½	6½
Weight per dozen, lbs.....	1½	2¼
Per dozen	\$5.90	6.40

One-half dozen in a box.

TINNERS' SNIPS WISS REGULAR



Forged Steel

Crucible steel laid blades; gunmetal finish handles; polished blades.

Nos.	7	8	9	10
Length, in.	14½	13¾	12½	11½
Cut, in.	4	3½	3	2½
Wt. each, lbs.	3	2½	2	1½
Each	\$4.30	3.70	3.10	3.00

One in a box.

CRESCENT REGULAR



Solid Forged Steel

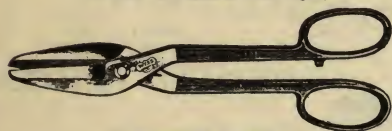
Special ground blades insure a keen, strong, durable edge; powerful leverage. Blue enameled handles; polished blades.

Nos.	S47	S48	S49	S410
Length, in.	7	8	9	10
Cut, in.	1¾	1⅞	2	2¼
Wt. each, lbs.	⅞	1½	1⅞	1⅞
Per dozen	\$13.45	14.40	15.36	18.72

Nos.	S411	S412	S413	S414
Length, in.	11	12¾	13¾	14¾
Cut, in.	2½	3	3½	4
Wt. each, lbs.	1⅞	1¾	2	2½
Per dozen	\$19.20	23.05	28.80	33.10

One in a box.

WISS COMBINATION



Forged Steel

Crucible steel laid blades; gun metal finish handles; polished blades; will cut curved as well as straight work.

Nos.	18	19
Length, in.	13½	12½
Cut, in.	3½	3
Weight each, lbs.	2¾	1⅞
Each	\$4.00	3.30

One in a box.

GENERAL PURPOSE

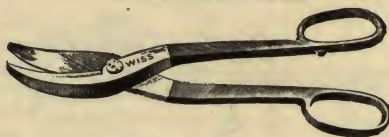


Drop forged from solid steel bar, hardened and tempered, blued finish handles, polished blades. A good grade for general use in shop or home.

No.	GP19—12¼ in. long, 3¼ in. cut;
wt. each 2 lbs.	\$1.00

Four in a box.

TINNERS' SNIPS WISS CIRCULAR

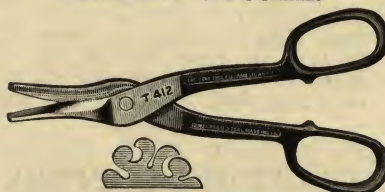


Forged Steel

Crucible steel laid blades; gun metal finish handles; polished blades.

Nos.	8CB	9CB
Length, in.	13¾	12½
Cut, in.	3½	3
Weight each, lbs.	2½	2
Each	\$4.00	3.30

CRESCENT CIRCULAR



Solid Forged Steel

For cutting out intricate patterns and curves.

Polished blades; blue enameled handles. Each

No.	T412—12¾ in. long, 3 in. cut;
wt. each 1¾ lbs.	\$2.35

BARTLETT COMPOUND LEVER



Searight Patent

Forged tool steel blades; polished head, japanned handles.

Nos.	B8	B10	B12	B14
Length, in.	8	10½	12	14
Blade, in.	2	2¾	3½	4½
Cut, in.	1½	2½	2½	3¼
Cuts gauge	22	20	18	18
Weight each, lbs.	⅝	1⅞	1⅞	2½
Each	\$5.80	8.20	10.40	13.20

PEXTO HAWK'S BILL

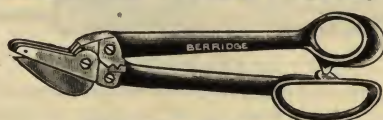


For Scroll and Circular Work

Forged steel; blued handles; polished narrow steel blades. Each

No.	15—11¼ in. long; 3 in. cut;
will cut 28 gauge iron; weight each 1¼ lbs.	\$4.70

BERRIDGE, DOUBLE CUTTING



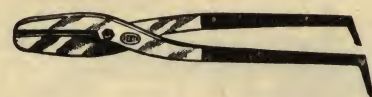
With Pipe Crimpers

Japanned handles; finely polished steel blades. For cutting and crimping. Each

No.	2—13½ in. length over all, 2 in. length of cut; wt. each 2¼ lbs.
	\$4.40

All above, one in a box.

TINNERS' BENCH SHEARS PEXTO



Forged steel, black handles, polished head, right hand cut.

No.	4—30 in. long, 7⅞ in. cut, for metal up to 20 gauge; wt. each 12 lbs.
	\$18.50

Open stock.

RIVET SETS PEXTO TINNERS



No. 46—Forged Steel; Fully Polished

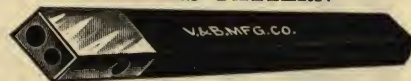
Size	00	0	1	2
Hole, in.	⅞	¾	¾	¾
Size drill gauge.	⅞	¾	¾	¾
Iron rivet, lbs.	14	10&12	7&8	6
Cop. rivet, Nos.	5	6	7	7
Wt. dozen, lbs.	10½	10½	6¾	6¾
Each	\$1.30	1.30	1.05	1.05

Size	3	4	5
Hole, in.	.1910	.1660	.1495
Size drill gauge.	11	19	25
Iron rivet, lbs.	4&5	2½&3	1¾&2
Copper rivet, Nos.	8	9	10-11
Wt. dozen, lbs.	5	5	5
Each	\$0.85	.85	.65

Size	6	7	8
Hole, in.	.1405	.1285	.1100
Size drill gauge.	28	30	35
Iron rivet, lbs.	1½	1¼	10-12 oz.
Copper rivet, Nos.	12	13	14
Wt. dozen, lbs.	2¾	2¾	2¾
Each	\$0.65	.55	.55

00 to 2, one-sixth dozen; 3 to 8, one-half dozen in a box.

FARMERS' PATTERN



Forged steel black finish, polished head.

Nos.	F8	F9
For copper rivets.	8	9
Weight dozen, lbs.	5	5
Per dozen	\$4.00	4.00

One dozen in a box.

METAL PUNCHES

HYRO



Drop forged steel frame and handle, working parts are tool steel, hardened and tempered.

No.	OX—8 in. long, will punch holes up to ¼ inch in 14 gauge sheet steel; complete with ⅜, ½, ⅝, ⅞, ¾ and 1¼ in. punches and dies; weight each 2½ lbs.
	\$11.80

One in a steel case.

HOLLOW PUNCHES



Forged steel wrought shank, black finish.

Size, in.	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Wt. ea., lbs. . .	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$
Each	\$0.96	1.28	1.60	1.92	2.24
Size, in.	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2
Wt. ea., lbs. . .	$\frac{7}{8}$	1 $\frac{1}{4}$	2	2 $\frac{1}{2}$	3
Each	\$2.56	3.20	3.84	4.48	5.12

HAND GROOVERS



Forged steel, hardened blued body, polished head.

Nos.	00	0	1	2
Groove, in.	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$
Wt. ea., lbs. . .	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
Each	\$1.70	1.70	1.55	1.55
Nos.	3	4	5	6
Groove, in.	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{1}{8}$
Wt. ea., lbs. . .	1	1	$\frac{3}{4}$	$\frac{3}{4}$
Each	\$1.45	1.45	1.45	1.45

Two in a box.

BABY HANDY SEAMERS



Light weight, a handy pocket tool for outside work.

No. 791—Length blade 3 $\frac{1}{2}$ in., width blade $\frac{7}{8}$ in., size over all 7 $\frac{1}{4}$ x 3 $\frac{1}{2}$ in., adjustable for seams of different widths up to $\frac{7}{8}$ in.; wt. each 1 lb.\$2.50

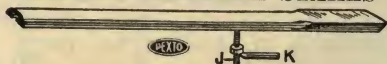
STOVE PIPE MANDRELS



Cast iron, steel punching die.

No. 12—36 in. long, 4 $\frac{1}{2}$ in. wide, weight each 38 lbs.\$13.50

HOLLOW MANDREL STAKES



Cast iron, polished face.

No. 910—Length over all 40 in.; length of flat part 9 in.; width of flat part 6 in.; length of oval part 31 in.; size oval part radius of circle 2 in.; wt. each 60 lbs.\$21.50

HATCHET STAKES



Cast steel, hardened face.

No.	941
Length blade, in.	16
Width blade at ctr., in.	2 $\frac{1}{2}$
Width blade at ends, in.	1 $\frac{5}{8}$
Wt. ea., lbs.	14
Each	\$18.00

TINNERS' MACHINE STANDARDS

Regular offset standard.

No. 975—1 $\frac{1}{8}$ in. hole, 9 $\frac{3}{4}$ in. height over all from bench; shipping wt. each 10 $\frac{1}{2}$ lbs. ..\$3.50



TINNERS' TOOLS COMMON ROOFING TONGS



No. 771 $\frac{1}{4}$ —Turns one side lock 1 $\frac{1}{4}$ in., handles 23 $\frac{1}{2}$ in. long, blade 1 $\frac{3}{4}$ in. wide, 18 $\frac{1}{2}$ in. long; wt. 9 lbs.\$10.00

Adjustable

No. 773—Will turn six different widths of locks, $\frac{1}{2}$, $\frac{3}{4}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$ and 1 $\frac{3}{4}$ in., handles 23 $\frac{1}{2}$ in., blades 2 $\frac{1}{4}$ in. wide, 18 $\frac{1}{2}$ in. long; wt. 10 lbs.\$14.00

ROOFING DOUBLE SEAMERS

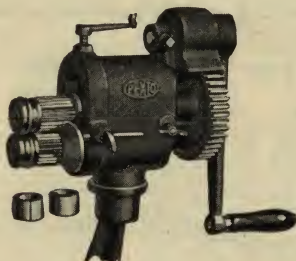


Fitted for I.C. tin. These roofing double seamers for standing lock will do the work more evenly than by any other process and leave the formed lock of uniform height. They will work over uneven roof boarding and will double seam hips and ridges with perfect ease. First pair finish 1 in. seam single lock, second pair finish $\frac{3}{4}$ in. seam double lock.

Per set

No. 742—Will follow 1 and 1 $\frac{1}{4}$ in. tongs, finishing a lock $\frac{3}{4}$ in. high; wt. per set of 2 pairs 38 lbs.\$48.00

INTERCHANGEABLE CRIMPER AND BEADER



Furnished only with one pair blank rolls to replace beading rolls, and No. 975 standard.

Capacity—No. 20 Gauge Iron and Lighter

No. 585—With spiral crimp rolls; diam. beading rolls 1 $\frac{1}{8}$ in., diam. crimping rolls 1 $\frac{1}{8}$ in., width crimp rolls 1 $\frac{3}{4}$ in., width bead rolls 1 in., size Ogee bead $\frac{1}{2}$ in., ratio gearing 3 to 1, distance between shaft centers 1 $\frac{3}{4}$ in.; complete with standard; shipping wt. each 65 lbs.\$50.00

BURRING MACHINES



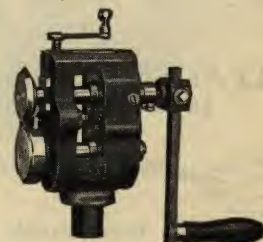
With Standard

Complete with upper rolls. Regular offset standard No. 975 is furnished.

Capacity—No. 22 Gauge Iron and Lighter

No. 576
Diameter rolls, in. Small 1 $\frac{1}{2}$
Widest flange or burr turned ... $\frac{1}{8}$
Shipping wt. about, lbs. 26
Each\$34.00

WIRING MACHINES



Made of best material; all parts machined; gauge and rolls are hardened. Regular offset standard No. 975 is furnished.

Capacity—No. 22 Gauge Iron and Lighter

No. 525
Diameter of rolls, in. 3
Will receive wire up to, gauge .. 0
Shipping wt. each, lbs. 36
Each\$48.00

TURNING MACHINES

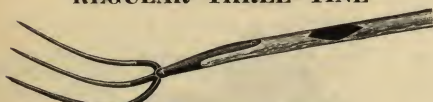


All parts fully machined; gauges and rolls are hardened.

Regular offset standard No. 975 is furnished.

Nos. 542
Diameter rolls, in. 3
Smallest wire used, gauge 9
Largest wire used, gauge 4
Shipping wt. each, lbs. 36
Each\$48.00

HAY FORKS
REGULAR THREE TINE



Batcheller, Bent Handle

Strap ferrule, forged crucible steel, solid shank. 12 in. polished oval tines; gold bronzed head, ferrule and cap. Selected Northern ash handle, polished and waxed.

Nos.	034B	034½B	035B
Lgth. handle, ft.	4	4½	5
Wt. doz., lbs.	31	33	35
Per dozen	\$23.00	24.00	26.00

One-half dozen in a bundle.



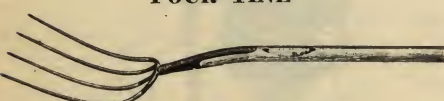
Crescent, Bent Handle

Strap ferrule, one-piece forged carbon steel head. Polished oval tines; gold bronzed head. Sanded ash handles.

Nos.	C034B	C034½B
Lgth. handle, ft.	4	4½
Wt. doz., lbs.	30	32
Per dozen	\$16.40	17.30

One dozen in a bundle.

ALFALFA FORKS
FOUR TINE



Batcheller, Bent Handle

Strap ferrule, forged crucible steel, solid shank, 13 in. polished oval tines; gold bronzed head, ferrule and cap. Selected Northern ash handle, polished and waxed.

	Per dozen
No. A0134½—4½ ft. handle; wt. per dozen 38 lbs.	\$30.00

One-half dozen in a bundle.

HEADER FORKS
FOUR TINE

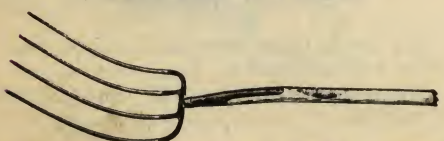
Strap ferrule, forged crucible steel, solid shank. Polished oval tines; gold bronzed head, ferrule and cap. Selected Northern ash handle, polished and waxed.



Batcheller, Bent Handle, Round Shoulder

	Per dozen
No. R0154½—15 in. tines; 4½ ft. handle; wt. per dozen 44 lbs.	\$32.00

One-half dozen in a bundle.



Batcheller, Bent Handle, Dakota Pattern

	Per dozen
No. D0164½—16 in. tines, 4½ ft. handle; wt. doz. 42 lbs.	\$36.00

One-half dozen in a bundle.

BARLEY FORKS
BATCHELLER

Strap ferrule, forged crucible steel, solid shank. 18 in. polished oval tines; gold bronzed head, ferrule and cap. Spring steel wire bail. Selected Northern ash handle, sanded and waxed.



Four Tine, Bent Long Handle

	Per dozen
No. B0185—5 ft. handle; wt. per dozen 54 lbs.	\$37.80



Five Tine, Bent Long Handle

	Per dozen
No. B0505—5 ft. handle; wt. per dozen 60 lbs.	\$42.50



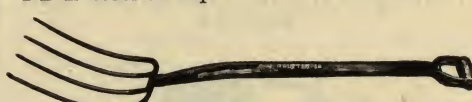
Five Tine, Bent Handle with I-D-L Steel D Top

	Per dozen
No. B050D—34 in. handle; wt. per dozen 58 lbs.	\$41.00

All above, one-half dozen in a bundle.

MANURE FORKS
BATCHELLER, D HANDLE

Strap ferrule, forged crucible steel solid shank. Polished oval tines; gold bronzed head, ferrule and cap. Selected Northern ash handle, sanded and waxed, with I-D-L steel D top.



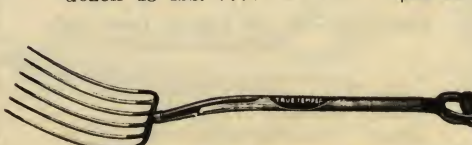
Four Tine, Bent Handle

	Per dozen
No. 04D—32 in. handle; wt. per dozen 40 lbs.	\$27.50



Five Tine, Bent Handle

	Per dozen
No. 05D—32 in. handle; wt. per dozen 43 lbs.	\$30.50

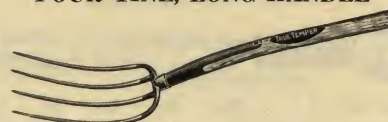


Six Tine, Bent Handle

	Per dozen
No. 06D—32 in. handle; wt. per dozen 48 lbs.	\$33.00

All above, one-half dozen in a bundle.

MANURE FORKS
FOUR TINE, LONG HANDLE



Batcheller, Bent Handle

Strap ferrule, forged crucible steel, solid shank. Polished oval tines; gold bronzed head, ferrule and cap. Selected Northern ash handle, polished and waxed.

Nos.	044	044½
Lgth. handle, ft.	4	4½
Wt. doz., lbs.	39	41
Per dozen	\$27.20	28.40

One-half dozen in a bundle.

Crescent, Bent Handle

Strap ferrule, one-piece forged carbon steel head. Polished oval tines; gold bronzed head. Sanded ash handle.

	Per dozen
No. C044—4 ft. handle; wt. per doz. 37 lbs.	\$18.00

One dozen in a bundle.

FIVE TINE, LONG HANDLE



Batcheller, Bent Handle

Strap ferrule, forged crucible steel, solid shank. Polished oval tines; gold bronzed head, ferrule and cap. Selected Northern ash handle, polished and waxed.

Nos.	054	054½
Length handle, ft.	4	4½
Wt. doz., lbs.	43	45
Per dozen	\$30.50	31.50

One-half dozen in a bundle.

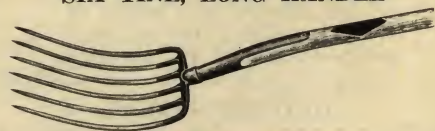
Crescent, Bent Handle

Strap ferrule, one-piece forged carbon steel head. Polished oval tines; gold bronzed head. Sanded ash handle.

	Per dozen
No. C054—4 ft. handle; wt. per dozen 41 lbs.	\$21.00

One-half dozen in a bundle.

SIX TINE, LONG HANDLE



Batcheller, Bent Handle

Strap ferrule, forged crucible steel, solid shank. Polished oval tines; gold bronzed head, ferrule and cap. Selected Northern ash handle, polished and waxed.

Nos.	064	064½
Length handle, ft.	4	4½
Wt. doz., lbs.	46	48
Per dozen	\$33.00	34.00

One-half dozen in a bundle.

Crescent, Bent Handle

Strap ferrule, one-piece forged carbon steel head. Polished oval tines; gold bronzed head. Sanded ash handle.

	Per dozen
No. C064—4 ft. handle; wt. per dozen 44 lbs.	\$24.00

One-half dozen in a bundle.

BATCHELLER

TRUE TEMPER

Farm and Garden Tools

A CENTURY of experience has taught us how to manufacture Steel Goods right. We call them "TRUE TEMPER" Tools, because they are "True" in shape, in hang and in finish, and because they possess to a superlative degree that intangible, that invisible and that indescribable quality called "Temper", which makes a tool fit for the service for which it is designed.



THE AMERICAN FORK & HOE CO.

General Offices, Cleveland, Ohio



18

SPADING FORKS

REGULAR FOUR TINE



Batcheller, Bent D Handle

Strap ferrule, forged crucible steel, solid shank. 11 in. heavy angular back polished tines; gold bronzed head, ferrule and cap. Selected Northern ash hdl., polished and waxed.

Per dozen

No. OHD—30 in. handle with I-D-L steel D top; wt. dozen 56 lbs..\$28.00



Batcheller, Bent Long Handle

Strap ferrule, forged steel, solid shank. 11 in. light angular back tumbled tines; gold bronzed head, ferrule and cap. Northern ash sande handle.

Per dozen

No. OLAX—4 ft. long handle; wt. dozen 48 lbs.\$19.00



Crescent, Bent D Handle

Strap ferrule, one-piece forged carbon steel head. Polished light angular back tines; gold bronzed head. Sanded ash handle.

Per dozen

No. COLD—30 in. handle with JR steel D top; wt. doz. 48 lbs..\$16.50

ENSILAGE OR BARN FORKS



Batcheller, Bent D Handle

Strap ferrule, forged crucible steel, solid shank. Black oval tines and head with outside tines turned up. 30 in. selected Northern ash handle with I-D-L steel D top.

Nos.	508B	510B
No. of tines	8	10
Length tines, in.	16	16
Width at center, in. ...	13	15
Space btwn. tines, in....	1½	1½
Wt. doz., lbs.	60	74
Per dozen	\$44.50	52.50

VEGETABLE SCOOP FORKS



Batcheller, Bent D Handle

Strap ferrule, forged crucible steel, solid shank. Black oval tines with flatted points, black finish head. 30 in. selected Northern ash handle with I-D-L steel D top.

Nos.	908	910
No. of tines	8	10
Length tines, in.	15	15½
Width at center, in....	11½	14
Space btwn. tines, in...	1¼	1¼
Wt. doz., lbs.	84	90
Per dozen	\$44.50	50.00

All above, one-half dozen in a bundle.

COAL SCOOP FORKS



Batcheller, Bent D Handle

Strap ferrule, forged crucible steel, solid shank. Black diamond shape tines, black finish head. 30 in. selected Northern ash handle with I-D-L steel D top.

Per dozen

No. 1012—12 tines, 16 in. long, width at center 13½ in., space between tines 7/8 in.; wt. per dozen 105 lbs.\$64.00

COKE FORKS



Batcheller, Bent D Handle

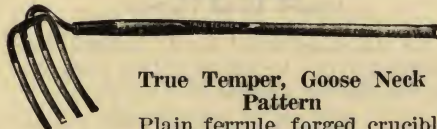
Finish and materials, same as above.

Per dozen

No. 710—10 tines, 17 in. long; width at center 15 in., space between tines 1¼ in.; wt. per dozen 94 lbs.\$54.00

POTATO HOOKS

FOUR TINE

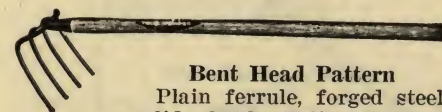


True Temper, Goose Neck Pattern

Plain ferrule, forged crucible steel, solid shank. Diamond back polished tines, gold bronzed head and back. 4½ ft. selected Northern ash handle.

Per dozen

No. 4GND—4 tines, 7¼ in. long; width at points 6¼ in.; wt. per dozen 29 lbs.\$21.60



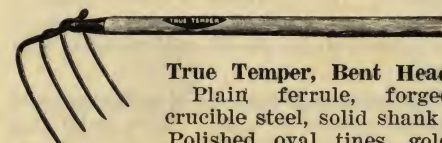
Bent Head Pattern

Plain ferrule, forged steel, solid shank. Polished round tines, gold bronzed head. Selected ash handle.

Per dozen

No. 4BHRX—4 tines, 7 in. long; width at points 6 in.; wt. per dozen 27 lbs.\$18.00

MANURE HOOKS



True Temper, Bent Head

Plain ferrule, forged crucible steel, solid shank; Polished oval tines, gold bronzed head, ferrule and cap. 5 ft. selected Northern ash handle.

Per dozen

No. M40—4 tines, 8½ in. long; width at points 8½ in.; wt. doz. 45 lbs.\$23.50

All above, one-half dozen in a bundle.

GARDEN RAKES

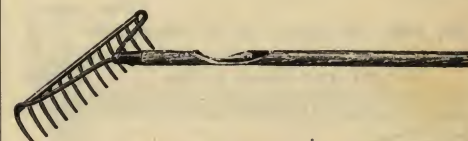


True Temper, Round Bow

Forged from one solid piece of steel, curved teeth painted gray; gold bronzed plain ferrule. 5 ft. selected Northern ash handle. Head 3¼ in. deep, ¼ in. thick.

Nos.	B14	B16
No. of teeth	14	16
Width head, in.	14	16
Wt. doz., lbs.	38	40
Per dozen	\$21.00	22.50

One-half dozen in a bundle.



Crescent, Round Bow

Forged from one piece of carbon steel, curved teeth, painted red, plain ferrule. 5 ft. ash handle. Head 3¼ in. deep, ¼ in. thick.

Nos.	CB14	CB16
No. of teeth	14	16
Width head, in.	14	16
Wt. doz., lbs.	36	38
Per dozen	\$15.50	17.30

One dozen in a bundle.



Crescent, Square Bow

Forged from one piece of carbon steel, straight teeth, painted red, plain ferrule. 5 ft. ash handle. Head 2½ in. deep, ¼ in. thick.

Nos.	CSB14	CSB16
No. of teeth	14	16
Width head, in.	14	16
Wt. doz., lbs.	36	38
Per dozen	\$14.00	15.50

One dozen in a bundle.



Crescent, Level Head

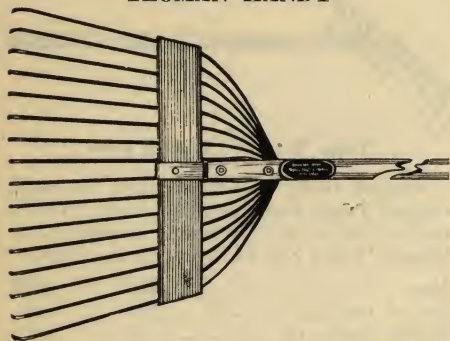
Forged from one piece of carbon steel, straight teeth, painted red, plain ferrule. 5 ft. ash handle.

Per dozen

No. CL14—14 teeth, head 3¼ in. deep, ¼ in. thick, width of head 14¾ in.; wt. per dozen 33 lbs.\$10.00

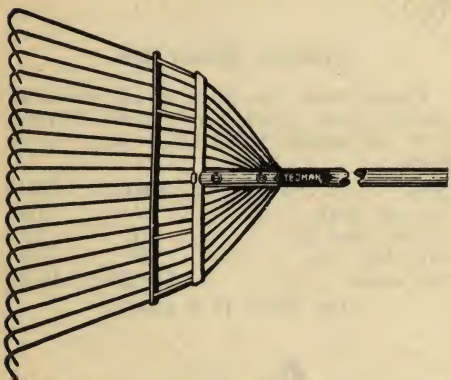
One dozen in a bundle.

LAWN CLEANERS YEOMAN HANDY



13 gauge spring steel prongs. Bolted handles. Prongs separated by steel brace bar. Orange lacquered handle, green frame.

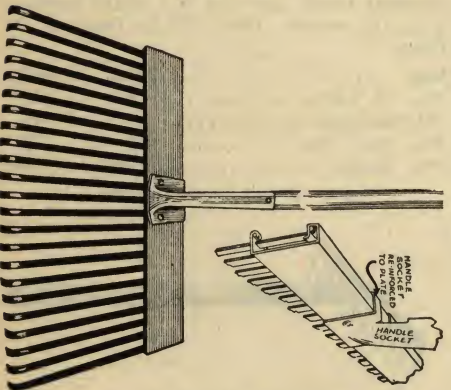
Per dozen
No. 16R—16 teeth, 56 in. long over all, head 16 in. wide, 48 in. handle; wt. per dozen 18 lbs.\$9.60



13 gauge spring steel prongs. Bolted handles. Prongs separated by steel bar and each prong passes through an extra steel brace.

Orange lacquered handle, green frame.

Per dozen
No. 18R—18 teeth, 57 in. long over all, head 19 in. wide, 48 in. handle; wt. per doz. 20 lbs.\$14.00



Broken teeth may be easily replaced, as may the socket type handle. Improved socket design adds strength. Flat steel prongs. Orange lacquered handle, green frame.

Per dozen
No. 20F—23 teeth, 56 in. long over all, head 18 in. wide; wt. per dozen 24 lbs.\$14.00
All above, one-half dozen in a carton.

BRUME RAKES

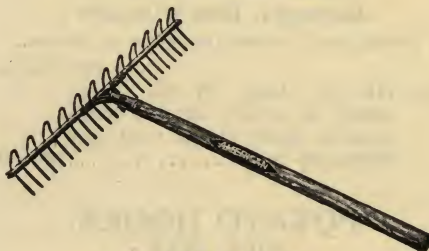


True Temper

Flat, flexible spring steel teeth, braced 8 in. from points. Each tooth twisted before entering socket. Used like a broom and picks up particles. Does not tear roots of grass. Light and easy to handle.

Per dozen
No. FBR22—22 teeth 14 in. long; head 19 in. wide, 3½ ft. handle; wt. doz. 18 lbs.\$16.00
Heads, half dozen in carton; handles, half dozen in bundle.

WIRE LAWN RAKES TRUE TEMPER

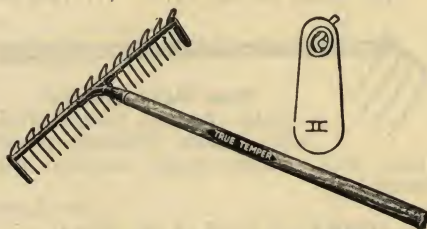


Closed Head Pattern

No. 15 gauge steel head; pressed steel socket riveted to head; entire head and socket heavily tinned.

Per dozen
No. 124—24 wire teeth; 20% in. width of head; 5½ ft. handle; wt. per dozen 32 lbs.\$14.40

Heads, one-half dozen; handles, one-dozen in a bundle.



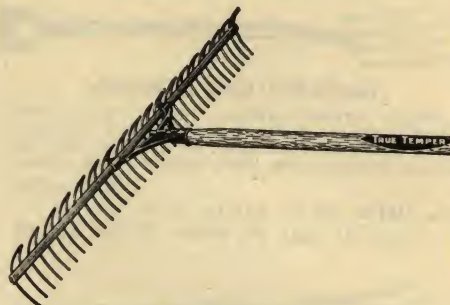
"Ski" Closed Head Pattern

Similar to No. 124, above, except with solid rounded plate or "Ski" at each end. Ski is securely fitted over each end of tubular rake head and into it each end tooth is also fastened. Glides smoothly on turf and raises points of teeth enough to protect grass roots. Also protects end teeth.

No. 15 gauge steel head; pressed steel socket riveted to head; entire head and socket heavily tinned.

Per dozen
No. 124SK—24 wire teeth; 20% in. width of head; 5½ ft. handle; wt. per dozen 33 lbs.\$20.50
Heads, one-half dozen; handles, one dozen in a bundle.

WIRE LAWN RAKES TRUE TEMPER

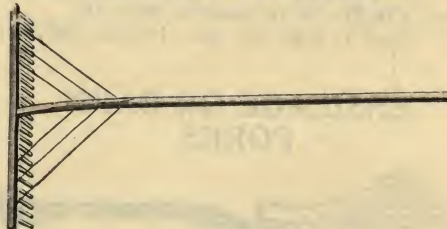


Park, Closed Head Pattern

Wire teeth; No. 15 gauge steel head bolted to black enameled malleable iron socket, head and teeth heavily tinned. Selected handle.

Per dozen
No. 36LR—36 wire teeth, width of head 30 in., 5½ ft. handle; wt. per dozen 42 lbs.\$28.00
Heads, one-half dozen; handles, one dozen in a bundle.

WOOD LAWN RAKES

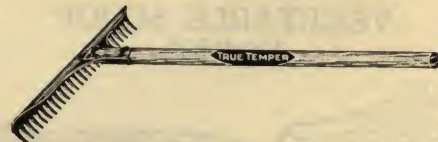


Wire Bow, Bent Handle

Carefully selected stock with handle mortised into head.

Per dozen
No. XXX—20 teeth, 3 wire bows; wt. per dozen 25 lbs.\$13.00
One dozen in a bundle.

DANDELION RAKES TRUE TEMPER



Curved Saw Tooth Head

Designed for use in raking or cleaning lawns and yards. Saw teeth do not tear grass but will exterminate dandelions by cutting off blossoms before seed can mature.

Heads of one solid piece bolted to handle.

Per dozen
No. LDR—26 teeth, width of head 15½ in., 5½ ft. selected ash handle; wt. per dozen 35 lbs.\$16.00
One-half dozen in a bundle.

FIELD OR GARDEN HOES REGULAR

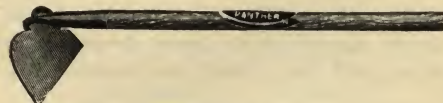


True Temper

Socket pattern, full polished tempered steel blade. Gold bronzed ferrule, 4½ ft. selected Northern ash handle.

Nos.	G06	G06½	G07
Width blade, in. ...	6	6½	7
Wt. doz., lbs.	25	28	31
Per dozen	\$19.00	19.00	19.00

One-half dozen in a bundle.



Crescent

Socket pattern, polished forged carbon steel blade. Gold bronzed ferrule, 4½ ft. ash handle.

Nos.	CR07	CR07P
Finish	Plain	Polished
Width blade, in.	7	7½
Wt. doz., lbs.	23	25
Per dozen	\$11.50	13.50

One dozen in a bundle.

NURSERYMEN'S OR SUGAR BEET HOES SQUARE TOP

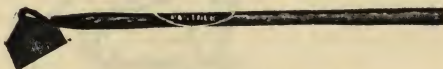


True Temper

Shank pattern, full polished tempered steel blade. Gold bronzed plain ferrule, 4½ ft. selected Northern ash handle.

No. N7—Width of blade 7 in.; wt.	Per dozen
per dozen 25 lbs.	\$16.80

One-half dozen in a bundle.



Crescent

Shank pattern, polished forged carbon steel blade, gold bronzed plain ferrule, 4½ ft. ash handle.

No. CN7—Width of blade 7 in.; wt.	Per dozen
per dozen 23 lbs.	\$13.70

One dozen in a bundle.

LADIES' HOES



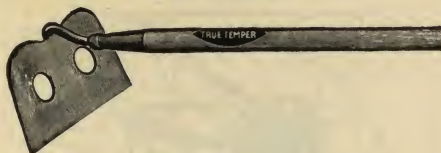
True Temper

Shank pattern, full polished tempered steel blade; gold bronzed plain ferrule, 4 ft. selected ash handle.

No. LY5—5 in. blade; wt per doz-	Per dozen
en 18 lbs.	\$14.80

One-half dozen in a bundle.

MORTAR MIXING HOES TWO HOLE



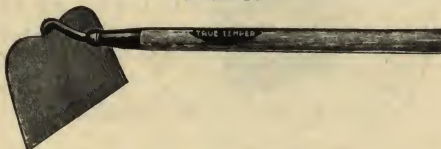
True Temper

Shank pattern, full polished tempered steel blade, gold bronzed plain ferrule, 5½ ft. selected Northern ash handle.

No. M210—10 in. blade; wt. per	Per dozen
dozen 48 lbs.	\$27.20

One-half dozen in a bundle.

PLAIN



True Temper

Shank pattern, full polished tempered steel blade, gold bronzed plain ferrule, 5½ ft. selected Northern ash handle.

No. 10—10 in. blade; wt. per doz-	Per dozen
en 50 lbs.	\$13.60

One-half dozen in a bundle.

PLANTER EYE HOES AMERICAN PATTERN



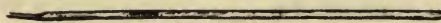
True Temper

Body and eye forged and drawn from one solid piece of steel, oil tempered and sharpened; polished bit; japanned body and eye.

Nos.	AE0	AE1
Width blade, in.	7	7½
Depth blade, in.	6½	6¾
Wt. doz., lbs.	18	19
Per dozen	\$10.30	10.70

One in a bundle

DANDELION SPUDS



True Temper

Polished, reversible steel blade, bolted to selected ash handle.

No. RDS—3½ ft. handle; wt. per	Per dozen
dozen 15 lbs.	\$5.70

One-half dozen in a bundle.

WARREN HOES



True Temper

Socket pattern, full polished heart shaped tempered steel blade, gold bronzed socket, 4½ ft. selected Northern ash handle.

No. W7½—7½ in. blade: wt. per	Per dozen
dozen 28 lbs.	\$21.60

One-half dozen in a bundle.

WEEDING HOES TWO PRONG



Bright cold rolled steel blade, sharp points, drop forged shank, 4½ ft. extra selected handle.

No. 2P—3½x9 in. blade; wt. per	Per dozen
dozen 23 lbs.	\$11.00

One-half dozen in a bundle.

LAWN WEEDERS DOO-KLIP



Operated from an erect position and cannot hurt the turf. Eradicates dandelions, docks and other small weeds. Works equally well on a wet or dry lawn. Light in weight, speedy and strong.

Tempered high carbon cold rolled steel blade and rake. Tubular steel handle, pinch-proof grips.

Green Enamel Handle and Grips. Udylite Head

No. DKW—32 in. handle, 42 inches	Per dozen
long over all; wt. per dozen 28	
lbs.	\$28.50

One-half dozen in a carton, heads covered.

GARDEN CULTIVATORS SPEEDY



True Temper

Black steel, sharp pointed curved tines; gold bronzed ferrule.

The tines are hung at just the right angle to make them penetrate the soil with simply a pulling motion. A very fast working tool for preparing the ground for seeding and for cultivating after the planting is done.

Per dozen

No. SC4—4 times; width of head 5 in., 4½ ft. handle; wt. per dozen 22 lbs.\$15.00

BUSHNELL



Square spring steel prongs attached to malleable head with four standard ¼ in. bolts. Each prong adjustable and detachable. Shovels have strong reinforcing rib on back. Waxed and sanded X grade ash handles.

Green finished metal parts, with silver bronzed shovels.

Per dozen

No. 5—Five Prong—¾ in. prongs, 1 in. forged points, length handle 4 ft.; wt. per dozen 34 lbs..\$15.70



Similar to No. 5, above, except for the number of prongs. Cultivating width 5¼ in.

Green finished metal parts, with silver bronzed shovels.

Per dozen

No. 3—Three Prong—¼ in. prongs, 1½ in. forged points, length handle 4 ft.; wt. per dozen 23 lbs.\$13.00



Similar to No. 3, above, except with short hardwood handle. Cultivating width 4½ in.

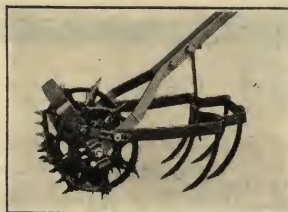
Green finished metal parts, with silver bronzed shovels.

Per dozen

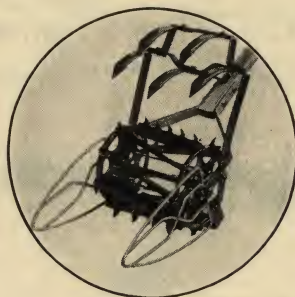
No. 1—Midget Three Prong—¾ in. prongs, ¾ inch forged points, length handle 9 in.; wt. per dozen 9½ lbs.\$8.00

All above, one-half dozen in a bundle.

GARDEN CULTIVATORS RO-HO



Ready for surface cultivation.



Cut shows cultivator with shovels raised and with leaf guards in place.

The Ro-Ho is a weeder and soil mulcher all in one operation.

Rotary hoe points are ⅞ in. long and ½ in. wide with a sharp slanting point.

Scuffle knife made of a special alloy high carbon tempered steel, rolled to proper shape. Double edge type, reversible, and both edges are ground sharp.

High grade polished shovel steel cultivator shovels, crowned the full length. The shovels are 7½ inches long by 1½ inches wide.

Leaf guard can be quickly slipped in place or detached without use of wrench.

Each

No. 8—Weeds and mulches a strip 8½ in. wide, rotary hoe drum 7¼ in. wide, complete with 3 shovels, adjustable scuffle knife and 2 leaf guards; wt. each 20 lbs.\$7.70

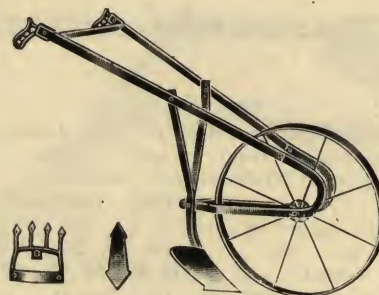
No. 10—Weeds and mulches a strip 10½ in. wide, rotary hoe drum 9¾ in. wide, complete with 5 shovels, adjustable scuffle knife and 2 leaf guards; wt. each 20 lbs. 8.40

No. 12—Scuffle knife cuts 12½ in. wide, rotary drum 11¼ in. wide, complete with 5 shovels, scuffle knife and 2 leaf guards; wt. each 20 lbs. 9.50

In one operation, and as fast as one can walk, the Ro-Ho Gardener will weed the garden, hose and cultivate the rows and mulch the soil. Will do in one hour what it takes a day to do with a shovel and hoe.

One in a carton.

GARDEN CULTIVATORS SPECIAL HIGH WHEEL



A strong, sturdy, substantial machine that will render good service. Attractively finished with green handles, red shank and black wheel and wheel arms.

Carbon steel attachments of superior design, assuring easy and efficient working. Wide range of adjustment of handles and attachments. Wheel runs on special steel bushing.

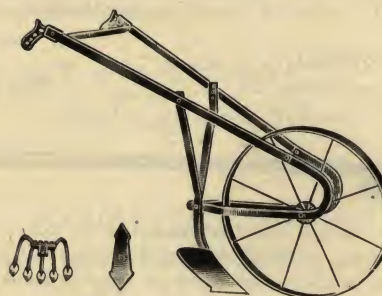
Each

No. CS105—¼x1 inch bar steel frame, ⅝x1 in. channel steel handles with easy malleable grips, 8-spoke 24 in. high wheel with 1¼ in. heavy rim; furnished complete with attachments as enumerated below; wt. each 25 lbs.\$4.00

Attachments include:

- 1 No. C2L polished moldboard plow.
- 1 No. PX12 double end shovel.
- 1 No. LR6 combined rake and sweep.

One in a bundle.



Similar in construction and finish to No. CS105 described above; except for the attachments supplied.

Each

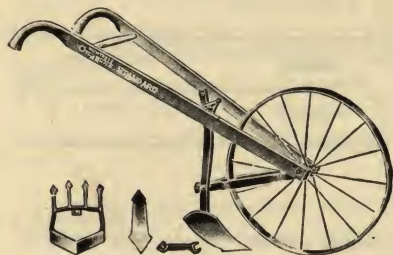
No. XC105—¼x1 in. bar steel frame, ⅝x1 in. channel steel handles with easy malleable grips, 8-spoke 24 in. high wheel with 1¼ in. heavy rim, furnished complete with attachments as enumerated below; wt. each 25 lbs.\$4.20

Attachments include:

- 1 No. C2L polished moldboard plow.
- 1 No. PX12 double end shovel.
- 1 No. IDC28 five-prong cultivator.

One in a bundle.

GARDEN CULTIVATORS TRUE TEMPER STANDARD



Equipment includes: 1 each No. M30 mouldboard plow with landside; No. X12 double point shovel and No. R6 rake and sweep.

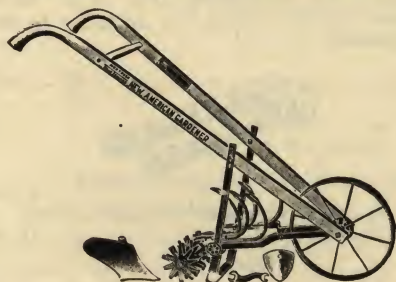
Each

No. 20—24 in. wheel, with 16 tangent spokes and a 1 1/4 in. tire; with attachments as above; adjustable wood frame; handles varnished; metal parts painted black and green; wt. each 18 lbs.\$5.60

No. 20A—As above, but with No. IGC28 five prong cultivator in place of No. R6 5.90

No. 20B—As No. 20, but with No. E5 three shovel attachment in place of No. R6 6.40
One in a bundle.

NEW AMERICAN GARDENER



A reliable, quick adjusting machine, with attachments to meet all requirements of the present day gardener. A few turns of hand wheel releases head, allowing it to revolve in order to place any of the tools in position for use.

Equipped with No. 212 thin blade; polished steel scuffle hoe or sweep; No. 213 trenching plow or shovel, 4 1/2 inches wide; No. 223 Mouldboard plow 12 in. from point to rear with large heavy landside, oil tempered and polished; 5 heavy strong cultivator teeth attached to the revolving head and No. 229 Mulcher-Pulverizer 8 1/2 inches.

Metal parts black, green and red finished. Varnished handles.

Each

No. G2X—14 in. wheel; 1 1/4 in. tire: complete with No. 212 hoe; No. 213 trenching plow, No. 223 mouldboard plow, 5 cultivator teeth and No. 229 Mulcher-Pulverizer; wt. complete 25 lbs....\$9.50

No. G2—Identical with above, except without No. 223 mouldboard plow; wt. complete each 23 lbs. 8.50
One in a carton, handles bundled.

GARDEN CULTIVATOR REPAIRS WHEELS



Each

No. Y1—24 in. wheel with 16 tangent spokes and 1 1/4 in. tire, for No. 20 series cultivators\$1.50

FIVE-PRONG CULTIVATOR



For use on No. 20 series cultivators with 24 in. wheels. Teeth may be removed as desired.

Each

No. IGC28—Five-prongs, cultivates a strip 9 in. wide\$1.00

THREE-SHOVEL ATTACHMENT



Has three oval steel oil tempered blades, each 1 1/2 in. wide x 8 in. long.

For No. 20 series of cultivators.

Each

No. E5—Three-shovel, cuts 8 in. of land\$1.30

COMBINED RAKE AND SWEEP



For shallow work, keeping down weeds and maintaining dust mulch.

Tempered steel, finely finished. For No. 20 series.

Each

No. R6—8 in. wide, pointed cutting edge\$0.90

MOULDBOARD PLOWS



With Landside

Polished steel. Cuts about 4 in. of land. 12 in. long from point to rear.

Each

No. M30—For use with No. 20 series cultivators\$1.00

No. CC2L—For use with Nos. CS105 and CX105 cultivators80

DOUBLE POINT SHOVEL



2 in. wide at one end and 3 1/2 in. at the other.

Each

No. X12—For use with No. 20 series cultivators\$0.70

All above, open stock.

DRILL SEEDERS MIDGET



Sows practically all vegetable seed at the right depth and thickness.

Adjustments for different seed are easily made. Accurate index on top.

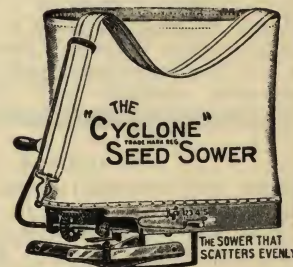
Sows more evenly than is possible by hand. Plants come up in a narrow row. Quickly attached to cultivator.

Attaches to Single Wheel Cultivators

Each

No. 1—Hopper holds 1 pint; finished in green, black and red; shipping weight each 6 lbs....\$5.50
One in a carton.

SEED SOWERS CYCLONE



All wood parts are finished with durable red paint and the metal parts enameled black. The bag or seed container is made of heavy canvas ducking and has a capacity of one-half bushel.

The shoulder strap is of heavy web and is adjustable in length.

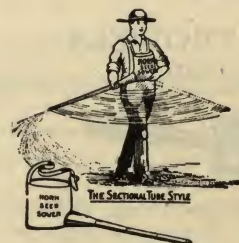
Will sow timothy, clover, wheat, alfalfa, oats, rye, buckwheat, bone dust, red top, turnip, millet, corn, cotton or any other grain and seeds. Distributes the seed evenly and does the work perfectly.

Per dozen

No. 3—Dia. distributing wheel 10 1/2 in.; capacity of bag 1/2 bushel; wt. per dozen 45 lbs.\$40.00
One-quarter dozen in a carton.

HORN

With Brass Seed Gauge



Gauge, attached to heavy sectional tin tube, is accurate and dependable. Being made of brass it will not rust.

Heavy canvas bag.

Ideal for sowing small seeds like clover, alfalfa, timothy, etc.

Per dozen

No. 10—Lightning; cap. 1/2 bu.; wt. per doz. 9 lbs.\$13.60
One-half dozen in a carton.

CORN PLANTERS ECLIPSE ROTARY



Two Hand, All Steel

Extremely simple and works much easier than other styles. Four rotary wheels furnished with each as follows: No. 1 ($\frac{1}{8}$ in.) drops 1 grain at a time; No. 2 ($\frac{1}{2}$ in.) drops 2 grains at a time; No. 3 ($\frac{5}{8}$ in.) drops 3 grains; plate No. S ($\frac{3}{4}$ in.) is for speed or broom corn. Green japanned uprights and covered hopper; with bolted hardwood grips.

Per dozen
No. 2—32 in. long over all; 4 in. diam. hopper; 9 in. deep; inside steel shoe; $2\frac{3}{4}$ in. wide; wt. per doz. 90 lbs.\$39.50
One-quarter dozen in a box.

PIONEER

Slide Pattern; Wood Frame

Well seasoned wood frame; steel blades and strong steel hopper.

Simple in construction and very durable. Adjustable slide.

Per dozen
No. 3P — Length over all 34 in.; $3 \times 3\frac{1}{2} \times 8$ inch hopper; weight per dozen 60 lbs.\$24.50

One-quarter dozen in a box.

GARDEN TROWELS STANDARD



One-piece 18 gauge steel blade and one socket. Metal caps pressed on ends of handles.

Red Enamel Finish

Per dozen
No. 21— $6\frac{1}{2} \times 3\frac{1}{8}$ in. blade, 11 in. long over all; wt. per dozen $5\frac{1}{4}$ lbs.\$1.50
One dozen in a box.

GARDEN TROWELS C-K-R

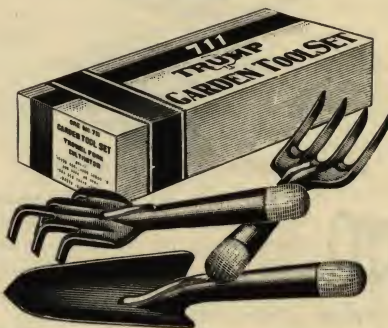


One-piece 18 gauge cold rolled steel blade and socket. Smoothly finished hardwood plug handles.

Green Enamel Finish

Per dozen
No. 41— $6\frac{1}{2} \times 3\frac{1}{8}$ in. blade, $12\frac{1}{2}$ in. long over all; wt. per dozen 6 lbs.\$2.00
One-half dozen in a box.

GARDEN TOOL SETS TRUMP



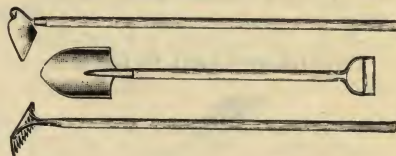
One-piece 18 gauge pressed steel tools with reinforcing rib which greatly strengthens them at shank where they receive the greatest strain.

Turned hardwood knob handle, smoothly finished.

Green Enamel Finish

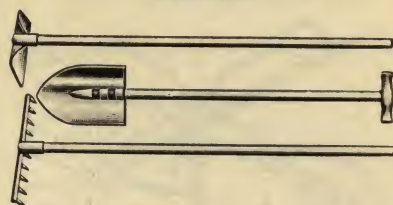
Per dozen sets
No. 711 Set—Consists of 3 tools, one each $11\frac{1}{2}$ in. trowel, $10\frac{1}{2}$ in. 4-prong fork and $10\frac{1}{2}$ in. 5-prong cultivator, put up in a neat carton; wt. per set $1\frac{1}{4}$ lbs.\$4.20
Two dozen sets in a case.

TOY GARDEN SETS ARCADE



Per dozen sets
No. 556—Three Piece Set, consists of 18 gauge steel blade hoe, Udyllite plated, $5\frac{5}{8}$ in. wide, with $38\frac{1}{4}$ in. long green $\frac{1}{8}$ in. diameter handle; 10 tooth rake with 9 in. malleable iron head and stamped braces, Udyllite plated with $38\frac{1}{2}$ in. blue $\frac{1}{8}$ in. dia. handle; and heavy 18 gauge steel blade spade, 5 in. wide with 36 in. red wood handle with D shaped top; wt. per dozen sets 35 lbs.\$18.00
One dozen sets in a case.

TOY GARDEN SETS ARCADE



Per dozen sets
No. 546X—Three Piece Set—Consists of steel blade hoe with $3 \times 4\frac{7}{8}$ in. head and 31 in. wood handle; 10 tooth rake with $2\frac{1}{4} \times 7\frac{7}{8}$ in. steel head and 31 in. wood handle; 4×5 in. steel head spade with 29 in. wood handle with T grip; wt. per dozen sets 18 lbs.\$4.00

These sets are attractively finished in bright colors, with contrasting colored handles and blades.

Two dozen sets in a case.

FARMING TOOL BRACKETS

PRATT

Slotted at top to fit ordinary barn door track. Track is fastened to wall and brackets placed in position at any points desired. Easily set up or removed when not required.

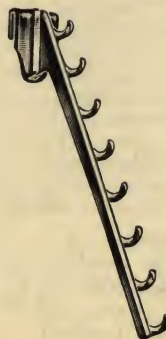
Made of malleable iron with black enamel finish. Track for hanging is not furnished.



Each
No. 11 Fork Bracket—Weight each $2\frac{1}{2}$ lbs.\$1.40
Open stock.



Each
No. 12—Rake Bracket; wt. each 3 lbs.\$1.70
Open stock.



Each
No. 14—Hoe Bracket; wt. each 2 lbs.\$1.20
Open stock.

IMPLEMENT HANDLES

BENT HAY FORK



X Grade Northern Ash, with Strap Ferrule and Cap

Bored ready to drive on, square hole, smooth finish, painted ferrule.

X Grade, Northern Ash, With Strap Ferrule and Cap

Bored ready to drive on, square hole, painted ferrule.

Nos.	326	329	332
Length, ft.	4	4½	5
Per dozen	\$8.70	9.60	10.50

No. 1 Grade, With Strap Ferrule and Cap

Bored ready to drive on.

Nos.	327	330
Length, ft.	4	4½
Per dozen	\$6.00	7.20

BENT BARLEY FORK



X Grade, Northern Ash, With Strap Ferrule and Cap

Bored ready to drive on, square hole, painted ferrule.

No. 204—5 ft. long; wt. per dozen 28 lbs.	Per dozen
	\$13.70

X Grade, Northern Ash, Plain

Chucked and bored.

No. 1—5 ft. long; wt. per dozen 24 lbs.	Per dozen
	\$7.20

BENT HEADER FORK

X Grade, Northern Ash, With Strap Ferrule and Cap

Bored ready to drive on, square hole, painted ferrule.

Nos.	350	353
Length, ft.	4½	5
Wt. dozen, lbs.	26	28
Per dozen	\$9.00	10.00

BENT MANURE FORK



X Grade, Northern Ash, With Strap Ferrule and Cap

Bored ready to drive on, square hole, painted ferrule.

Nos.	399	402
Length, ft.	4	4½
Per dozen	\$8.70	9.60

No 1 Grade, With Strap Ferrule and Cap

Nos.	400	403
Length, ft.	4	4½
Per dozen	\$6.00	7.20

BENT SPADING FORK



X Grade, Northern Ash, With Strap Ferrule and Cap

Bored ready to drive on, square hole, painted ferrule.

No. 425—4 ft. long; wt. per dozen 26 lbs.	Per dozen
	\$10.50

All above handles, one dozen in a bundle.

IMPLEMENT HANDLES

GARDEN RAKE



No. 1 Grade, Ash

Chucked and bored.

No. 1GR—5 ft. long; wt. per dozen 20 lbs.	Per dozen
	\$4.00

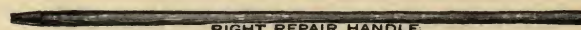
WIRE LAWN RAKE

No. 1 Grade, Northern Ash

Chucked, not bored.

No. 526—5 ft. long; wt. per dozen 20 lbs.	Per dozen
	\$4.00

FIELD AND GARDEN HOE



RIGHT REPAIR HANDLE

No. 1 Grade, Ash

Chucked and bored, for shank hoes.

No. 1FGH—4½ ft. long; wt. per dozen 17 lbs.	Per dozen
	\$2.40

Chucked, not bored, for socket hoes.

No. 2FGH—4½ ft. long; wt. per dozen 17 lbs.	Per dozen
	\$2.40

MORTAR HOE



X Grade, Northern Ash

Chucked and bored.

No. 648—5½ ft. long; wt. per dozen 24 lbs.	Per dozen
	\$13.50

PLANTERS' EYE HOE



X Grade, Northern Ash

Nos.	1 PEH	2 PEH
Length, ft.	4½	4½
Diam. at butt, in.	2	2¼
Wt. doz., lbs.	22	24
Per dozen	\$8.20	10.00

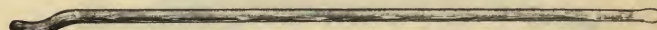
DRAIN CLEANER



X Grade, Northern Ash

No. 6½DC—6½ ft. long; wt. per dozen 28 lbs.	Per dozen
	\$9.60

LONG SHOVEL



X Grade, Northern Ash

4½ ft. long, bent.

Regular—Wt. per dozen 24 lbs.	Per dozen
	\$6.00

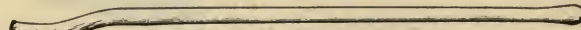


X Grade, Northern Ash

47 in. long, straight.

Bantam—Wt. per dozen 20 lbs.	Per dozen
	\$6.50

LONG SPADE



X Grade, Northern Ash

4½ ft. long, bent.

Regular—Wt. per dozen 24 lbs.	Per dozen
	\$6.00

IMPLEMENT HANDLES

STURD-E VEGETABLE SCOOP

Also Fits Ensilage, Coal and Coal Scoop Forks



XX Grade, Northern Ash, with Strap Ferrule and Cap

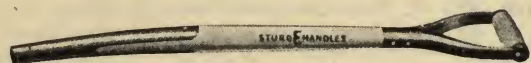
Bored ready to drive on, square hole. Painted ferrule and Sturd-E top.

Per dozen
No. 1776—Length 30 in.; weight per dozen 24 lbs.\$14.50

STEEL D SPADING FORK

No. 1 Grade, Ash, With Strap Ferrule and Cap
Bored ready to drive on. JR steel D top.

Per dozen
No. 434P—Length 30 in.; wt. per dozen 22 lbs.\$9.60

No. 1 Grade, Ash, With Strap Ferrule and Cap
Bored ready to drive on. Sturd-E style E steel D top.

Per dozen
No. 1715—Length 32 in.; wt. per dozen 24 lbs.\$11.50

STURD-E SHOVEL



X Grade, Northern Ash

Heavy double bend. Sturd-E type E steel D top.

Per dozen
No. 1718—Length 30 in.; wt. per dozen 21 lbs.\$9.20



X Grade, Northern Ash, Straight

Per dozen
No. 1718B-Bantam—Similar to above, but lightweight, 26½ in. long, fits either Bantam spade or shovel; wt. per dozen 19 lbs.\$9.20

STURD-E SPADE AND POST SPADE



X Grade, Northern Ash

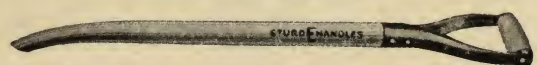
With Sturd-E type E steel D top.

Per dozen
No. 1750—Light bend; 30 in. long; wt. per dozen 21 lbs.\$8.70

No. 1750H—Heavy bend; for Post Spades, otherwise same as above 8.70

No. 1750B—Bantam D spade handle..... 8.70

STURD-E SCOOP



X Grade, Northern Ash

For Chisholm pattern, hollow back scoops. With Sturd-E type E steel D top.

Per dozen
No. 1726—Length 30 in.; weight per dozen 21 lbs.\$8.70
All above, one-half dozen in a bundle.

IMPLEMENT HANDLES

STURD-E TILING SPADE

X Grade, Northern Ash, with Strap Ferrule and Cap
Bored ready to drive on. Sturd-E style E steel D top.

Per dozen
No. 1789—Length 28 in.; wt. per dozen 24 lbs.\$14.00

GERMAN SPADE

Also Used for Drain and Ditching Spade



X Grade, Northern Ash

With Sturd-E type E steel D top.

Per dozen
No. 1793—Length 34 in.; wt. per dozen 24½ lbs.\$9.00
All above, one-half dozen in a bundle.

D HEADS

FOR SHOVELS, SPADES AND FORKS



No. 1-D-L



No. 1



No. 3

I-D-L Pressed Steel

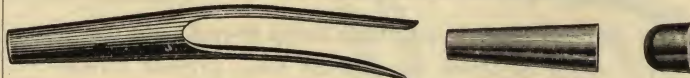
Stronger and lighter than malleable types and adjustable for any size wood handle. May readily be used for rehandling. Smooth finished wood grip.

Per dozen
No. I-D-L—Socket 2 in. long; 1½ in. inside diameter; 4½ in. grip; weight per dozen 12 lbs.\$4.00

Common Malleable

Per dozen
No. 1—Malleable iron throughout, 3½ in. grip, 1 in. opening; wt. per dozen 15 lbs.\$3.60
No. 3—Malleable iron with wood grip, 3½ in. grip; wt. per dozen 6¼ lbs. 2.50
Open stock.

FERRULES AND CAPS



Heavy steel, bright finish.

Strapped Ferrules

Nos.	14	15	12
Type Fork.....	Hay	Manure	Spading
Length, in.	10	10	10
Large diam., in.	1½	1½	1½
Per dozen	\$3.60	3.60	3.60

Plain Ferrules

Per dozen
No. 16—Hoe and Rake, 3¾ in. long, largest diameter 1¾ in.\$1.40

Ferrule Caps

Per dozen
No. 03—Hay Fork, 1½ in. diam.\$0.72
No. 04—Manure Fork, 1½ in. diam.72
No. 02—Spading Fork, 1¼ in. diam.80
No. 01—Rake, 3½ in. diam.60
No. 00—Hoe, 3½ in. diam.60

"BANTAM" SHOVELS AND SPADES

Blades made from one solid bar of steel, shaped by power hammer and fully heat treated. One-piece blade and strap end socket with solid shank.

16 gauge blades; selected X grade handles, sanded and waxed, with Sturde Steel D tops on D handle items.

SQUARE POINT, D HANDLE SHOVEL



Socket Pattern, One-Piece, Solid Shank
Polished finish.

No. E11BP—Size 2, 9¼x12 in. blade, 26½ in. Sturde Top D handle; wt. per dozen 51 lbs.\$31.00

SQUARE POINT, LONG HANDLE SHOVEL



Socket Pattern, One-Piece, Solid Shank
Polished finish.

No. L17BP—Size 2, 9¼x12 in. blade, 47 in. long handle; wt. per dozen 51 lbs.\$31.00

ROUND POINT, D HANDLE SHOVEL



Socket Pattern, One-Piece, Solid Shank
Polished finish.

No. E23BP—Size 2, 8¾x12½ in. blade, 26½ in. Sturde top D handle; wt. per dozen 48 lbs.\$31.00

ROUND POINT, LONG HANDLE SHOVEL



Socket Pattern, One-Piece, Solid Shank
Polished finish.

No. L29BP—Size 2, 8¾x11½ in. blade, 47 in. long handle; wt. per dozen 48 lbs.\$31.00

GARDEN SPADE, D HANDLE



Socket Pattern, One-Piece, Solid Shank
Polished finish.

No. E33BP—Size 2, 7¼x12 in. blade, 26½ in. Sturde top D handle; wt. per dozen 48 lbs.\$31.00
All above, one-half dozen in a bundle.

"FLINT HILLS" SHOVELS AND SPADES

Blades forged from 15 gauge high carbon steel. Handles No. 1 grade second growth Northern White ash, sanded and waxed. D handle items equipped with Armor D tops.

SQUARE POINT, D HANDLE SHOVEL



Plain Back, Welded Straps
Velvet finish.

No. FDS2—Size 2, 9¼x11⅞ in. blade, 27 in. Armor D handle; wt. per dozen 60 lbs.\$24.00

SQUARE POINT, LONG HANDLE SHOVEL



Plain Back, Welded Straps
Velvet finish.

No. FLS2—Size 2, 9¼x11⅞ in. blade, 51 in. long handle; wt. per dozen 60 lbs.\$24.00

ROUND POINT, D HANDLE SHOVEL



Plain Back, Welded Straps
Velvet finish.

No. FDR2—Size 2, 9¼x12⅝ in. blade, 27 in. Armor D handle; wt. per dozen 60 lbs.\$24.00

ROUND POINT, LONG HANDLE SHOVEL



Plain Back, Welded Straps
Velvet finish.

No. FLR2—Size 2, 9x11½ in. blade, 48 in. long handle; wt. per dozen 48 lbs.\$24.00

GARDEN SPADE, D HANDLE



Plain Back, Welded Straps
Velvet finish.

No. FD2—Size 2, 7x12 in. blade, 27 in. Armor D handle; wt. per dozen 60 lbs.\$24.00

GARDEN SPADE, LONG HANDLE



Plain Back, Welded Straps
Velvet finish.

No. FL2—Size 2, 7x12 in. blade, 51 in. long handle; wt. per dozen 60 lbs.\$24.00
All above, one-half dozen in a bundle.

"BURLINGTON" SHOVELS AND SPADES

Blades forged from 15 gauge high carbon steel, heat treated. Handles are X grade second growth Northern White ash, sanded and waxed. All D handle items are equipped with Armor D tops.

SQUARE POINT, D HANDLE SHOVEL



Plain Back, Welded Straps

Velvet finish.

No. BDS2—Size 2, $9\frac{3}{4} \times 11\frac{1}{8}$ in. blade, 27 in. Armor D handle; wt. per dozen 60 lbs. \$29.50

No. BDS4—Size 4, $10\frac{3}{4} \times 12\frac{7}{8}$ in. blade, 27 in. Armor D handle; wt. per dozen 65 lbs. 32.00

SQUARE POINT LONG HANDLE SHOVEL



Plain Back, Welded Straps

Velvet finish.

No. BLS2—Size 2, $9\frac{3}{4} \times 11\frac{1}{8}$ in. blade, 51 in. long handle; wt. per dozen 60 lbs. \$29.50

ROUND POINT, D HANDLE SHOVEL



Plain Back, Welded Straps

Velvet finish.

No. BDR2—Size 2, $9\frac{3}{4} \times 12\frac{3}{8}$ in. blade, 27 in. Armor D handle; weight per dozen 60 lbs. \$29.50

ROUND POINT, LONG HANDLE SHOVEL



Plain Back, Welded Straps

Velvet finish.

No. BLR2—Size 2, $9 \times 11\frac{1}{2}$ in. blade, 48 in. long handle with knob end; weight per dozen 48 lbs. \$29.50

GARDEN SPADES, D HANDLE



Plain Back, Welded Straps

Velvet finish.

No. BD2—Size 2, 7×12 in. blade, 27 in. Armor D handle; weight per dozen 60 lbs. \$29.50

All above, one-half dozen in a bundle.

GARDEN SPADES, LONG HANDLE



Plain Back, Welded Straps

Velvet finish.

No. BL2—Size 2, 7×12 in. blade, 51 in. long handle; wt. per dozen 60 lbs. \$29.50

DRAIN SPADES, D HANDLE



Plain Back, Welded Straps

Polished finish; 27 in. Armor D handle.

Nos.	BD14	BD16	BD18	BD20
Length blade, in.	14	16	18	20
Width blade, in.	$4\frac{3}{4}$	$4\frac{3}{4}$	$4\frac{3}{4}$	$4\frac{3}{4}$
Wt. per dozen, lbs.	54	57	60	63
Per dozen	\$32.00	33.00	34.00	35.00

POST SPADES, D HANDLE



Plain Back, Welded Straps

Polished finish; 27 in. Armor D handle.

Nos.	BP14	BP16	BP18	BP20
Length blade, in.	14	16	18	20
Width blade, in.	6	6	6	6
Wt. per dozen, lbs.	57	61	65	69
Per dozen	\$32.00	33.00	34.00	35.00

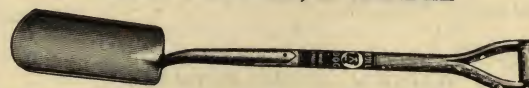
"BEAR" GARDEN SPADES
D HANDLE

Blades forged from carbon steel. Handles are No. 2 grade ash, smoothly sanded and equipped with indestructible steel D top.

Hollow Back

Black finish.

No. 2B—Size 2, 7×12 in. blade, 27 in. D handle; weight per dozen 60 lbs. \$13.50

"FOX" GERMAN PATTERN SPADES
IOWA PATTERN, D HANDLE

Blades forged from one solid bar of steel, fully heat treated. One-piece blade and strap end socket.

15 gauge blade. Selected X grade handle, sanded and waxed.

Socket Pattern, One-piece, Solid Shank

Polished finish.

No. FE63P—Size 2, blade $12\frac{1}{2}$ in. long, 6 in. wide at top, $5\frac{3}{4}$ in. wide at point, 30 in. Sturd-E top D handle; weight per dozen 55 lbs. \$32.50

All above, one-half dozen in a bundle.

**"BURLINGTON" GERMAN PATTERN
SPADES**

IOWA PATTERN



Blades forged from 14 gauge high carbon steel, **heat treated**.
Handles are X grade second growth Northern White ash, sanded
and waxed.

D Handle, Plain Back, Welded Straps
Polished finish.

Per dozen

No. IPGD—Size 2, 6¾x12 in. blade; weight per dozen 52

lbs.\$30.00

Long Handle, Plain Back, Welded Straps
Polished finish.

Per dozen

No. IPGL—Size 2, 6¾x12 in. blade; weight per dozen 52

lbs.\$30.00

One-half dozen in a bundle.

TILING SPADES

BOSS, D HANDLE



Forged from highest quality tool steel, oil tempered. Strapped
ferrule, adjustable step.

Ditching, Square Point

Nos.	B618	B620	B622
Size blade, in.	6x18	6x20	6x22
Wt. per dozen, lbs.	62	65	68
Per dozen	\$65.00	65.00	65.00

One-half dozen in a bundle.



Forged from highest quality tool stool, oil tempered. Strapped
ferrule, adjustable step.

Draining, Round Point

Nos.	B418	B420	B422
Size blade, in.	4x18	4x20	4x22
Wt. per dozen, lbs.	59	63	66
Per dozen	\$65.00	65.00	65.00

One-half dozen in a bundle.

SPADE STEPS



Boss

Malleable iron, for use with "Boss" tiling spades.

Per dozen

No. 20—With bolt; weight per dozen 4½ lbs.\$3.50
Open stock.



Queen

Forged steel, for use with "Queen" tilting spades.

Per dozen

No. 30—With bolt; 3¼ in. long; weight per dozen 2½ lbs.\$1.50
Open stock.

DRAIN CLEANERS

IWAN'S PATENT, ADJUSTABLE



Malleable iron
socket and shank
with ratchets so that
it can be adjusted to
different angles. 6
foot ash handle.
Concaved steel blade;
made to push or
pull.

All Blades 15 in. Long

Nos.	3	4	5	6	7	8
Width blade, in.	3	4	5	6	7	8
Wt. dozen, lbs.	58	60	62	64	66	70
Per dozen	\$25.00	25.00	25.50	26.50	27.00	27.50

One-half dozen in a bundle.

STREET CLEANING SHOVELS

BURLINGTON, D HANDLE



17 gauge high carbon steel blade. No. 1 grade, second growth,
Northern ash handles, sanded and waxed.

Corrugated, Hollow Back, Black Finish

Per dozen

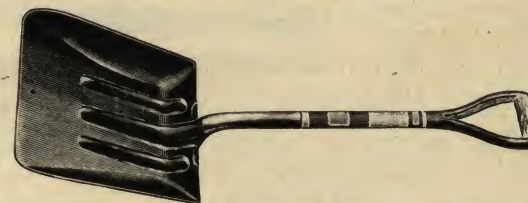
No. 306B2—Size 2, 13¾x14½ in. blade, with 37 in. Armor

D handle; wt. per dozen 63 lbs.\$29.00

One-half dozen in a bundle.

COAL SHOVELS

BURLINGTON, D HANDLE



17 gauge high carbon steel blades. No. 1 grade, second growth,
Northern ash handles, sanded and waxed, with Armor D steel D
tops.

Corrugated, Hollow Back, Black Finish

Nos.	BDC1	BDC2	BCD3
Size, Nos.	1	2	3
Blade, in.	13¼x14	13¼x14½	14¼x15
Wt. doz., lbs.	60	63	66
Per dozen	\$23.00	24.00	25.00

One-half dozen in a bundle.

COAL SCOOPS

CONNEAUT SPECIAL, D HANDLE



Blades forged from one solid bar of steel, fully **heat treated**.
16 gauge blade; XXX selected handles, sanded and waxed; with
Sturde type D top. Especially designed for coal delivery wag-
ons. Made with sharp corners at the point. Cleans out every
pound of material from corners of wagon box.

Hollow Back, Flat Point, Black Finish

Nos.	E257	E258
Size, Nos.	7	8
Blade, in.	14¼x16½	14½x17
Wt. doz., lbs.	78	81
Per dozen	\$35.00	35.00

One-half dozen in a bundle.

COAL SCOOPS

BURLINGTON, D HANDLE



16 gauge high carbon steel blades, No. 1 grade, second growth Northern ash handles, sanded and waxed, with Armor D tops.

Eastern Pattern, Hollow Back, Black Finish

Nos.	BD2	BD3	BD4
Size, Nos.	2	3	4
Blade, in.	11¼x15	11½x15½	11¾x16
Wt. doz., lbs.	62	64	66
Per dozen	\$22.50	23.50	24.50

One-half dozen in a bundle.

GRAIN SCOOPS

BURLINGTON, D HANDLE



17 gauge high carbon steel blades. No. 1 grade second growth Northern ash handles, sanded and waxed, with Armor D tops. Corrugated blade.

Western Pattern, Hollow Back, Velvet Finish

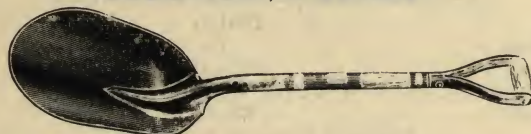
Nos.	BD6	BD8	BD10
Size, Nos.	6	8	10
Blade, in.	12½x16	13½x17	13¾x18
Wt. doz., lbs.	63	66	69
Per dozen	\$28.50	29.50	30.50

Nos.	BD12	BD14
Size, Nos.	12	14
Blade, in.	14½x19	14¾x20
Wt. doz., lbs.	72	76
Per dozen	\$31.50	32.50

One-half dozen in a bundle.

GRAVEL SCOOPS

BURLINGTON, D HANDLE



16 gauge high carbon steel blade. No. 1 grade, second growth Northern ash handle, sanded and waxed, with Armor D top.

Round Point, Hollow Back, Black Finish

No.	318	Per dozen
Size	2, 11x14¼ in. blade; weight per dozen	
60 lbs.	\$22.50	

One-half dozen in a bundle.

POTATO SCOOPS

SHOLDER



Double tinned, rust-proof wire scoop; one-piece steel socket plate, six continuous wires. Standard steel, wood grip "D" handle.

No.	Sholder	Per dozen
Size	15x17 in. blade, 28 in. handle; weight per dozen	
74 lbs.	\$33.00	

One-half dozen in a bundle.

FURNACE SCOOPS

LONG HANDLE



High carbon sheet steel blade, hollow back, black finish. Hardwood handle.

No.	61	Per dozen
Size	9x15 in. blade, 4 ft. handle; wt. per dozen 50 lbs.	\$10.50
No.	91	Per dozen
Size	10½x15 in. blade, 4 ft. handle; weight per dozen 60 lbs.	13.00

D HANDLE



High carbon sheet steel blade, hollow back, black finish. Hardwood handle with steel D top.

No.	60	Per dozen
Size	9x15 in. blade, 32 in. handle; wt. per doz. 50 lbs.	\$11.00



High carbon sheet steel blade, hollow back, black finish with polished socket. Hardwood handle with split D top.

No.	93	Per dozen
Size	10½x15 in. blade, 30 in. handle; weight per dozen 60 lbs.	\$15.00

BARN AND UTILITY SHOVELS



High carbon sheet steel blade, hollow back, black finish with polished socket. Hardwood handle. Heavy lift.

No.	101HL	Per dozen
Size	11x15 in. blade, 4 ft. handle; wt. per dozen 65 lbs.	\$19.00

SNOW AND GENERAL PURPOSE SHOVELS

LONG HANDLE



Carbon steel blade, hollow back, black finish. 4 ft. hardwood handle.

No.	51	Per dozen
Size	11½x14¾ in. blade; wt. doz. 56 lbs.	\$10.50

D HANDLE

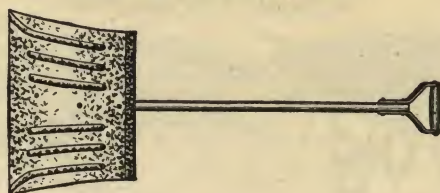


As above but with 32 in. hardwood handle, steel D top.

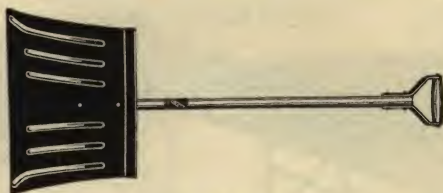
No.	50	Per dozen
Size	11½x14¾ in. blade; wt. doz. 56 lbs.	\$11.00

All above, one-half dozen in a bundle.

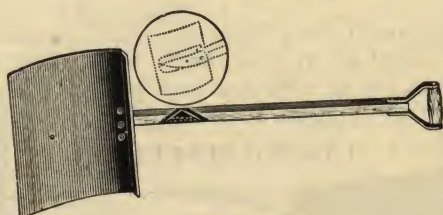
SNOW SHOVELS



Galvanized Per dozen
No. 618—18x13 in. blade of 16 ga. steel, with corrugated reinforcements and stiffened top edge; long hardwood handle, fitted with 5 in. wood grip; weight per dozen 65 lbs.\$12.00
One-quarter dozen in a crate.



Black Per dozen
No. 518—18x13 in. blade of 18 gauge carbon steel with corrugated reinforcements and turned over top; long hardwood handle fitted with 5 in. wood grip; wt. per dozen 65 lbs.\$15.00
One-quarter dozen in a crate.



Black Per dozen
No. 218—18x16 in. blade of 18 gauge spring steel with turned over top edge, black finish; wood grip hardwood handle fastened to blade with one-piece steel socket; weight per dozen 70 lbs.\$21.00
No. 224—As above, but with 24x16 in. blade; wt. per dozen 80 lbs. 24.00
One-quarter dozen in a crate.

SNOW PUSHERS CURVED BLADE



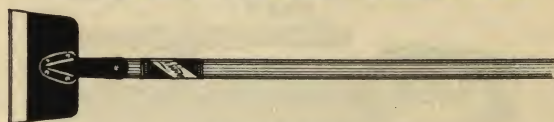
Wide Pattern
Black finish, high carbon steel blade. With 48 inch hardwood handle.
Per dozen
No. 18—18x12 in. blade; wt. dozen 70 lbs.\$18.50
One-quarter dozen in a crate.

COMBINATION PUSHER AND SCRAPER



For cleaning streets, sidewalks, barns and chicken houses. Black finish.
Per dozen
No. 2—7x18 in. blade, 54 in. hardwood handle; wt. per dozen 62 lbs.\$16.50
One-quarter dozen in a crate.

CHICKEN HOUSE SCRAPERS



Riveted Socket Per dozen
No. 17—7 in. blade of high carbon steel, red enameled, blade and socket, 48 in. hardwood handle; wt. per dozen 28 lbs.\$7.20
One-half dozen in a bundle.

SIDEWALK SCRAPERS CHALLENGE



Solid Shank Per dozen
No. CSC—7x5 in. medium weight steel blade; plain ferule and cap; half-polished; 4½ ft. selected handle; weight per dozen 40 lbs.\$14.60
Extra Handles for CSC scrapers 7.20
One-half dozen in a bundle.

POST HOLE DIGGERS

EUREKA



High carbon steel blades, riveted to malleable iron frame with wide bearing hinged on steel bolt.
Northern ash split handles, bolted to iron sockets, sanded and waxed. Bright red lacquered blades and frame. Per dozen
Eureka—9 in. blades, 4 ft. handles; wt. per doz. 102 lbs....\$30.00
One-quarter dozen in a bundle.

ATLAS



High carbon steel blades, riveted to malleable iron frame with heavy double hinges and steel bolt.
Square butt Northern ash handles, sanded and waxed. Bright red lacquered blades and frame. Per dozen
Atlas—9 in. blades, 4 ft. handles; wt. per dozen 108 lbs.... \$28.00
One-third dozen in a bundle.

HERCULES



Heavy gauge alloy steel blades, riveted to heavy malleable iron shoulder frame.
Frame held together with hinge bolt in wide bearings, eliminating side motion. Square butt Northern ash handles, sanded and waxed. Bright red lacquered blade and frame. Per dozen
Hercules—9 in. blades, 4 ft. handles; wt. per doz. 117 lbs....\$32.00
One-sixth dozen in a bundle.

EXTRA HANDLES FOR ABOVE DIGGERS

4 ft. long. Per dozen pairs
No. ED—For Eureka\$10.70
No. AD—For Atlas 8.00
No. HD—For Hercules 8.00
Open stock.

RYAN PATTERN, SELF-CLEANING



Steel blades, malleable castings, hardwood handles. As blades open, two scrapers automatically scrape off the dirt. Per dozen
Ryan—6½x5 in. blades, 4 ft. handles; wt. per doz. 158 lbs..\$46.50
One-sixth dozen in a bundle.

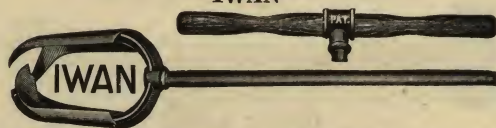
Repairs For Ryan Pattern Diggers

Each
No. 1 —Female hinge casting\$0.24
No. 2 —Male hinge casting24
No. 3 —Scraper casting, Right or Left..... .80
No. 4 —Main casting40
No. 83 —Blade with rivets60
No. 108—Scraper spring60
No. 84 —Scraper spring, with castings, complete 1.00
No. 107—Extra handles50

Open stock.

POST HOLE AUGERS

IWAN



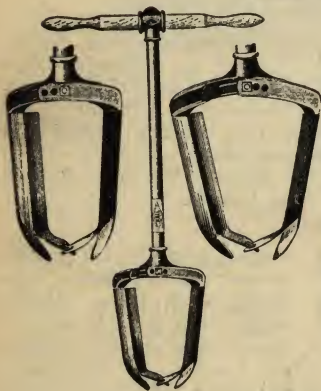
Crucible Steel Blades, Tempered and Polished, Malleable Iron Arch, Steel Pipe Handle, Wood Cross Bar

Nos.	4	6	7	8
Size, in.	4	6	7	8
Length, ft.	4	4	4	4
Diam., in.	3/4	3/4	3/4	3/4
Wt. each, lbs.	7	8	8 1/2	9
Each	\$3.20	3.20	3.40	3.40

Nos.	9	10	12
Size, in.	9	10	12
Length, ft.	4	4	5 1/2
Diam., in.	3/4	3/4	1
Wt. each, lbs.	9 1/2	11	22
Each	\$3.70	4.20	11.00

One-quarter dozen in a bundle.

HALL ADJUSTABLE



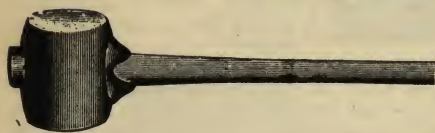
Quickly adjusted to take care of different size holes by removing only one bolt. When bolt is tightened, flanged arch is rigid.

High carbon steel blades, polished, forged to a sharp cutting edge. Improved hinge lock.

Nos.	2	3
Size, No.	2	3
Digs holes, in....	6-7-8	8-9-10
Wt. each, lbs....	9 1/2	10 1/2
Per dozen	\$37.20	41.00
Open stock.		

POST MAULS

SOLID CAST, HANDLED



Wt. each, lbs.	10	13	16	18
With Handles	Each \$1.60	1.80	2.10	2.30
Without Handles	Each .90	1.10	1.40	1.60
Open stock.				

WHEELBARROWS

LANSING



Tray pressed from one sheet of steel. Frame reinforced and tied together by cross bars, having a dumping guard at end of handle for reinforcement. Channel iron tray brace in front.

Single unit channel iron legs. Neverslip type axle screwed into wheel bearings. Wheel revolves on steel bushing.

No. F24—Capacity 4 cu. ft., tray 26 1/2 in. wide x 37 1/2 in. long x 16 in. deep at dash and 8 in. deep at back; 15 in. diameter wheel with 1 1/4 in. tire; wt. each 76 lbs. \$13.50
Shipped knocked down.

Each

WHEELBARROWS

LANSING, CONTRACTORS



Pressed steel tray. Frame reinforced and tied together with cross bars, having a dumping guard at end of handles for reinforcement.

Tray brace in front, reinforced to prevent bending.

Single unit channel iron legs. Never-slip type axle is screwed into wheel bearings. Hardwood handles 60 in. long.

No. F3—Capacity 3 1/2 cu. ft., tray 29 in. wide x 36 in. long, 15 in. diameter wheel with 1 1/4 in. tire; wt. each 73 lbs. \$13.00
Shipped knocked down.

Each



A light, steel tray wheelbarrow with a tray that will hold a real load. A sturdy general purpose barrow.

Tray pressed from a single sheet of steel with a 5/8 in. rod rolled around top edge. Steel legs and braces, hardwood handles and riser.

No. J20—Cap. 3 cu. ft., tray 26x34 in., height over all 21 3/4 in., length over all 57 1/2 in., heavy steel wheel 15 in. dia. with 1 1/4 x 1/4 in. tire; wt. each 45 lbs. \$6.50
Shipped knocked down.

Each

LANSING TUBULAR



Tray pressed from one piece of steel without seams or rivets. 5/8 in. steel rod turned in edge adding strength. Thoroughly bolted and braced.

Designed for forward dumping and will not run back on operator.

Wheel revolves on a heavy bolt which also passes through a lug under handles and materially strengthens barrow.

No. A02—Capacity 3 cu. ft., 18 gauge steel tray, size on top 29x32 in.; wt. each 65 lbs. \$12.00
Shipped knocked down.

Each



Coal

Similar in construction and details to the No. A02, above, but slightly larger and heavier and stronger.

Ideal for moving coal, iron castings, etc. Well pointed and trays are pressed from a single sheet of steel.

No. A015—Capacity 4 1/2 cu. ft., 16 gauge steel tray, size on top 29x36 in., 16 in. wheel; wt. each 80 lbs. \$15.00
Shipped knocked down.

Each

Note—Any of our barrows can be equipped with Sturdy Metal Wheels and Pneumatic 16x4 in. lug base tires.

Prices on Request.

WHEELBARROWS

LANSING GARDEN

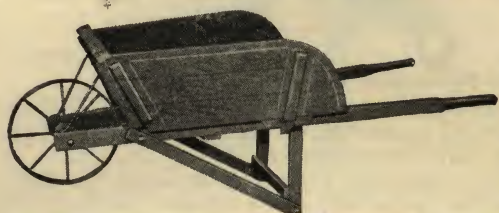


Genesee
A light, strong, durable barrow made of select stock and finished in brilliant red, varnished.

Channel iron legs, well braced. Eight spoke steel wheel.

Each

No. 634—58 in. long over all; body 27 in. long, width at wheel end 17 in., width at handle end 23½ in., depth 12 in.; wt. each 45 lbs.\$11.00
One in a bundle, knocked down.



New Crescent
Designed to meet the demand for a good grade garden barrow to meet competition. Attractively painted blue.

Each

No. 507—Size of box 17x27 in. inside, 11 in. deep; handles 60 in. long; 15 in. 8-spoke steel wheel; weight each 35 lbs.\$8.00
One in a bundle, knocked down.

ROAD SCRAPERS

KING



For all regular light work. Flange around top made by turning back edge of bowl.

Flange reinforces and stiffens bowl and adds to strength and capacity. Easily and rapidly handled.

Curved flat hardwood handles, heavy steel sockets. Flat steel bail with swivel.

Each

With Runners
No. 2K—Capacity 5 cu. ft., 32x28x10 in. bowl; wt. each 73 lbs.\$14.00

INGHAM



High carbon special scraper steel bowl in one piece. Solid forged steel bail with forged steel swivel and side plates.

Round hardwood handles. Handle sockets riveted to body. ½x1½ in. steel runners help to stiffen and reinforce bowl.

With Runners

Nos.	2I	1I
Cap. cu., ft.	5	7
Size bowl, in.	31½x29x11½	33½x32x11½
Wt. each, lbs.	94	102
Each	\$16.00	19.00

All above, open stock.

TRUCKS

LANSING, BAG



Strong, well made, light and handy. Will stand up alone.

Nicely oiled and varnished.

Bent oak handles, wrought iron nose, iron wheels.

Each

No. 46—46 in. length of handles, 11 in. width at nose, 6 in. diameter of wheels, weight each 19 lbs. \$9.50

LANSING, STORE OR WAREHOUSE



Western Pattern

Half bound, steam bent handles; steel nose; forged axles; turned bearings; iron wheels.

No. 1W has three cross bars and No. 2W has four cross bars.

Nos.	1W	2W
Length handles, in.	48	52
Width, in.	19	20
Diam. wheels, in.	7½	8½
Wt. each, lbs.	43	60
Each	\$13.50	17.00

All above, open stock.

TRUCKS

LANSING, STORE OR WAREHOUSE



Western Pattern

Full bound, steam bent handles; steel nose; forged axles; turned bearings; iron wheels.

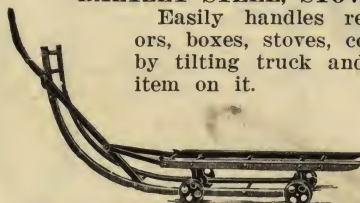
Four cross bars.

Each

No. 22W—52 in. handles; width 20 in., 8½ in. diameter wheels; wt. each 68 lbs.\$18.50

BALTZLY STEEL, STOVE

Easily handles refrigerators, boxes, stoves, coils, etc., by tilting truck and sliding item on it.



Particularly convenient in factories for trucking material in process to various parts of the building.

Each

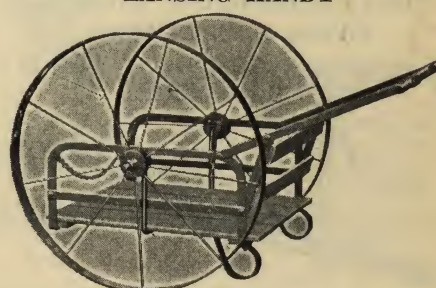
No. 9320—Steel frame, size of platform 36x10 in., painted black, malleable castings, diam. of front wheels 4 in., rear wheels 4½ in., raises from 4 to 7 in.; wt. each 50 lbs.\$16.50

No. 9321—Same as above but with rubber tired wheels for show room use 26.00

All above, open stock.

FARM CARTS

LANSING HANDY



Used for handling dairy milk cans, barrels of feed and water, ensilage, fodder, feed and for general carrying purposes. Steel axles and frame work, strong enough for its rated capacity.

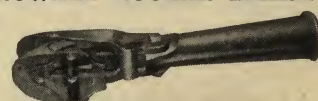
Each

No. 760—Capacity 800 lbs., 28x32 in. platform, 36 in. 9-spoke wheels with 2 in. tires; wt. each 95 lbs.\$16.00

Shipped knocked down.

CAR MOVERS

ROWELL ROCKER BEARING



Increased pushing power; decreased lifting power. Heat treated malleable iron castings. Second growth rock maple handle, varnished. Metal parts spray enameled.

High carbon tool steel spurs, hardened and drawn; polished.

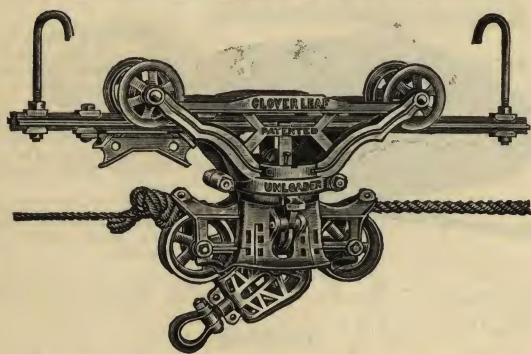
Each

Rowell—Length over all 68 in., weight complete 20 lbs.\$12.00

Open stock.

HAY CARRIERS

MYERS CLOVERLEAF, ADJUSTABLE



Swivel and Reversible; For Double Steel Track

Clover Leaf Unloader is built for using rope for draft. Malleable iron throughout. It is heavy and substantially built. Fitted with wide open mouth to receive the fork pulley when approaching in any direction.

Swinging fork pulley relieves the carrier from all strain when drawing hay over high beam or into a well filled mow.

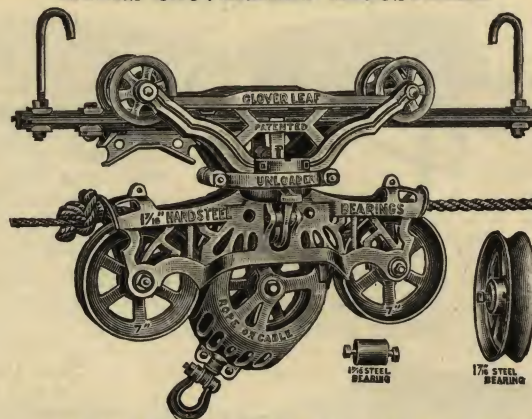
The track wheels revolve on turned steel axles. The rope sheaves have longer hub than any other make of carrier.

Lock is composed of three parts and has no springs.

Will fit all standard makes of steel tracks.

No. 118—Adjustable; 4 in. sheaves, 16 in. truck, $\frac{3}{4}$ in. axles; weight each 30 lbs.\$14.40
Open stock.

MYERS CLOVERLEAF ADJUSTABLE



Swivel and Reversible; For Double Steel Track

The fact that you can use rope or cable for draft is a special feature used only on the Myers line of Unloaders and enables the farmer to use either style he may desire.

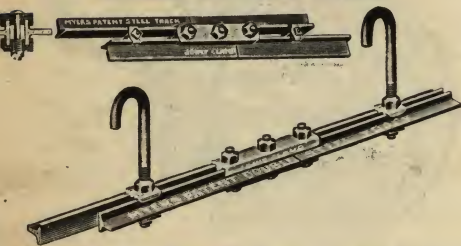
The Unloader is made with a large open mouth, swinging fork pulley and double force lock, which engages the frame of the fork pulley on both sides, allowing the load to swing clear, avoiding a strain.

Each

No. 126—16 in. truck; best annealed malleable iron throughout, thoroughly braced, $\frac{3}{4}$ in. turned steel axle, 7 in. sheave, $1\frac{1}{8}$ in. steel bearings, wide open mouth, rope or cable draft, wt. each 42 lbs.\$17.50
Open stock.

HAY CARRIER TRACK

MYERS DOUBLE STEEL



Made by placing two "T" steel rails together, held in place by clamps and hanging hooks with space between so hanging hook may be placed where it coincides with rafter. Joints are made with a three bolt clamp. Hanging hooks also serve as clamps and add much in holding track in place. Hanging hooks not included.

Per 100 ft.

No. 1282—In 6 and 12 ft. lengths, with joint clamps and bolts; wt. per ft. 2 lbs.\$32.20

Per dozen

No. 824—Joint Clamps—For No. 1282 track; wt. ea. $\frac{1}{4}$ lb.\$8.40
Open stock.

RAFTER BRACKETS

MYERS

Steel; for wood or steel track. Held to rafters by heavy nails. "V" shaped and used to support hanging hook. One is used for each hook.

Per dozen

No. 301—7 $\frac{1}{2}$ in. extreme width; wt. per dozen 2 $\frac{1}{2}$ lbs.\$0.84
Open stock.

HANGING HOOKS

MYERS



Wrought steel with nut and two clamp plates of malleable iron. For Myers double steel track.

Per dozen

No. 302— $\frac{1}{2}$ in. diameter, 6 in. long; wt. each $\frac{3}{4}$ lb.\$3.00

TRACK BUMPERS OR END STOPS

MYERS



For Myers double steel track.

Each

No. 1042—2x2 $\frac{1}{4}$ in.; weight each $\frac{1}{4}$ lb.\$0.18

FORK PULLEYS

MYERS



For all Myers small sheave unloaders. Frame extends around entire surface of sheave.

Malleable clevis, steel axle, two-piece frame, swivel eye.

Each

No. 1124—4 in. sheave, weight each 4 lbs.\$1.90
All above, open stock.

FORK PULLEYS

MYERS



For all Myers 7 in. sheave unloaders.

Roller bearing sheave for wire rope. Malleable iron, aluminum finish frame.

$1\frac{1}{8}$ in. turned steel bearings. Swivel eye, two-piece frame.

Each

No. 2259—7 in sheave wt. ea. 7 lbs. ...\$2.80

KNOCKERS OR TRIP BLOCKS

MYERS



Malleable iron.

Each

No. H531—For use with Nos. 118 and 126 carriers on Myers steel track\$1.00

Malleable iron.

Each



No. H533—For adapting Myers Nos. 118 and 126 carriers to Loudon steel track\$1.00

Malleable iron.

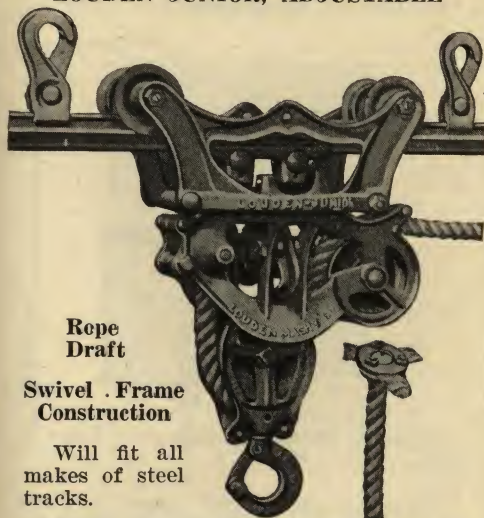
Each



No. H413—For Nos. 114 and 124 and all Cloverleaf Non-adjustable, Faultless or Fearless Unloaders for Myers double steel track; wt. each 2 lbs.\$1.00
All above, open stock.

HAY CARRIERS

LOUDEN JUNIOR, ADJUSTABLE



Rope
Draft

Swivel . Frame
Construction

Will fit all
makes of steel
tracks.

Strong, dependable and simple in operation. Simple construction with few working parts.

The flaring mouth and round-topped fork pulley insure a perfect register, regardless of swinging load or twisted ropes.

Rope wheels in both carrier and fork pulley are roller bearing, assures easy operation and avoids undue wear on draft rope.

Swivel iron knot shown at the sides keeps the rope free from kinks. Each

No. 430—10½ in. malleable iron truck, 4 in. rope wheel, 3 in. diameter track wheels, carries fork within 12 in. of track, ¾ inch rope recommended, wt. each 27 lbs.\$14.40

LOUDEN SENIOR, ADJUSTABLE



Rope
Draft

Swivel
Frame
Construction

Will Fit
All Makes
of Steel
Tracks

A large and heavy carrier for handling 1500 lb. loads continuously. Rapid and safe.

Large, roller-bearing rope wheels lighten draft and save rope. Wide bearing of track wheels distributes load along track and prevents undue strain upon it.

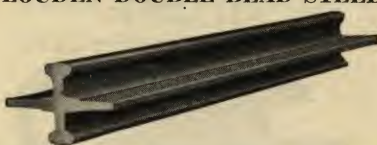
For pulley of Louden Senior swings freely when registered, making it possible to pull a load over high beams, or into a full mow without danger of carriage binding or breaking. Each

No. 1100—15 inch malleable iron truck, 7 in. rope wheel, 3 inch diameter track wheels, carries fork within 20 in. of track, ¾ in. rope recommended; weight each 35 lbs.\$17.50

All above, open stock.

HAY CARRIER TRACK

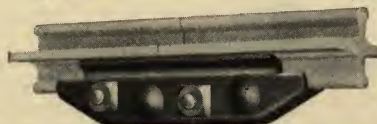
LOUDEN DOUBLE BEAD STEEL



Special quality high carbon steel. 2 in. wide x 1½ in. high and if properly supported every 24 in. it will safely carry a load of 3000 lbs.

Per 100 feet

No. 571—In 6, 8, 10 and 12 ft. lengths, complete with joint clamps and bolts; wt. per foot 2¼ lbs.\$32.20



Joint Clamps

Steel plate, held firmly on underside of track by four bolts.

Per dozen

No. 550—7 in. long, for No. 571 track; wt. each 1½ lbs.\$8.40

TRACK HANGING HOOKS

LOUDEN



For double bead steel track. Made of certified malleable iron, in two parts, securely clamped together by short, heavy bolts.

Per dozen

No. 498—4 in. long; wt. each ½ lb.\$3.00

RAFTER BRACKETS

LOUDEN



Pressed steel, for wood or steel track. Held to rafters by heavy nails. Used to support hanging hooks.

Per dozen

No. 424—Wt. dozen 3¾ lbs.\$0.84

RIDGE POLE BRACKETS

LOUDEN



No. 465

Formed from pressed steel.

Slip over supporting timber and nail from both sides.

No. 465 has holes staggered to prevent splitting wood and top holes opposite to receive a bolt.

Curved at base to receive track hanger.



No. 1308

Per dozen

No. 465—For 2 in. timber; wt. per dozen 3 lbs.\$1.30

No. 1308—Extra Heavy

Size, in.	4	6
For timber, in.	4	6
Wt. doz., lbs.	6	6½
Per dozen	\$2.00	2.60

All above, open stock.

END STOPS

LOUDEN



Wrought steel with nuts. For double bead steel track.

Each

No. 523—Wt. each about ¼ lb.\$0.50

FORK PULLEYS

LOUDEN



Used with all Louden fork carriers except No. 1100.

Safety hook with tubular swivel. Strong certified malleable iron frame.

Each

No. 366—4 in. sheave; weight each 3¼ lbs.\$2.00



Used with Louden Senior Fork Carrier No. 1100 only.

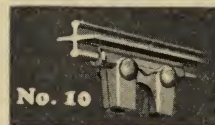
Made of special gray iron and turns on roller bearings instead of a plain steel bushing.

Each

No. 1139—7 in. sheave, wt. each 7½ lbs.\$.....

KNOCKERS OR TRIP BLOCKS

LOUDEN



No. 10

Malleable iron.

Each

No. 10—For Nos. 430 and 1100 Louden Adjustable carriers on Louden steel track\$0.90



Malleable iron.

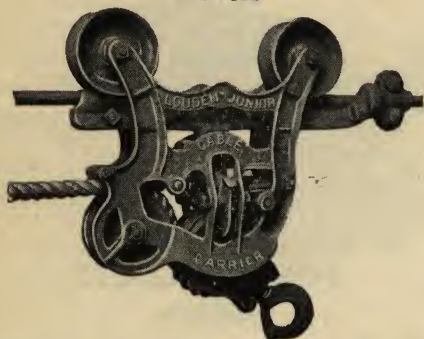
Each

No. 1123—For Non-adjustable Louden carriers, 4¾ in. long, bolts to underside of track; wt. each 1 lb.\$0.90

All above, open stock.

HAY CARRIERS

LOUDEN JUNIOR, FOR CABLE TRACK



Fits ½ in. Diameter Galvanized Strand Cable Track

Designed for use with Cable Ricker for stacking hay in the field. Compact and strong, yet simple in design. See description of Cable Ricker on next page.

A rope swivel as shown with No. 430 carrier is also included with this carrier.

Each

No. 621—10 in. malleable iron truck, 4 in. rope wheel, 3¼ in. diameter track wheels, carries fork within 13 in. of track. ¾ in. Manila rope recommended; wt. each 24 lbs.\$14.40
Open stock.

HAY CARRIER CABLE GALVANIZED STEEL CABLE



Galvanized steel strand used for track of Cable Ricker Outfits with No. 621 carrier. Fittings shown in next column.

Per foot

No. 418—Diameter ½ in. composed of 7 strands No. 8 wire, tensile strength 4 tons; wt. per foot about ½ lb.\$0.10
Furnished in any length desired.

INFORMATION ON CABLE RICKER OUTFITS

For Use With No. 621 Louden Jr. Carrier

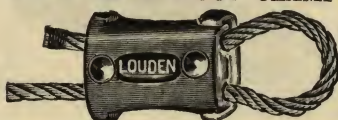
The poles at the end and the cable track also act as guides for building the stack. Stacks of any size up to 60 ft. in length can be built.

Cable Ricker is easy to set up, easy to move from place to place and when not in use the metal parts can be stored in small space. The outfit will last many years.

Cable should be allowed to extend to the ground, on the outside of poles at each end, thus forming guys. Sufficiently heavy poles should be used and of proper length (according to height of stack desired).

CABLE RICKER OUTFIT FITTINGS

WIRE CABLE LOOP CLAMP



Used for making a loop at the ends of the cable. Two should be used with each stacker outfit.

Per dozen

No. 337—Loop clamp\$7.60

WIRE CABLE STOP CLAMP



Placed on the cable track at either side of the poles at the end of the stack to hold the upper ends of the poles securely in position. Four should be used.

Per dozen

No. 337½—Stop clamp\$5.90

HOISTING SINGLETREES LOUDEN



Snaps into the harness and keeps singletree from dragging against horse's legs. Draft rope fastens to swivel eye.

Each

No. 344—Hardwood body, malleable iron trimmings, spread 24 in.; weight each 6 lbs.\$4.70

ROPE HITCHES LOUDEN LIGHTNING



For quickly connecting singletree or doubletree to draft rope. Holds securely.

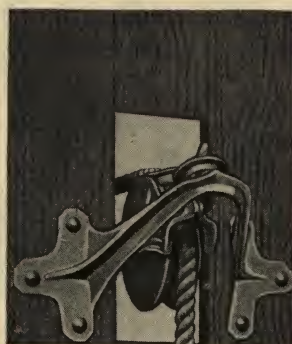
No tying or untying knots.

With swivel hook.

Per dozen

No. 3037—Malleable iron; weight each 1 lb.\$6.70

BRACKET PULLEY HOLDERS



LOUDEN

For supporting pulley for draft rope. Will carry any common pulley.

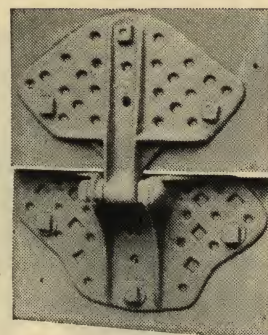
Supports pulley and at same time allows it to adjust itself in line with draft. Also holds rope free preventing wear. Malleable iron.

Each

No. 348—Wt. ea. 3 lbs.\$2.00

All above, open stock.

OFFSET HINGES LOUDEN



Designed for use on gable hay doors or barns.

Hinge is made with offset to allow door to lap on siding to shut out wind and rain.

Two hinges are sufficient for all ordinary doors.

Three should be used on extra heavy doors.

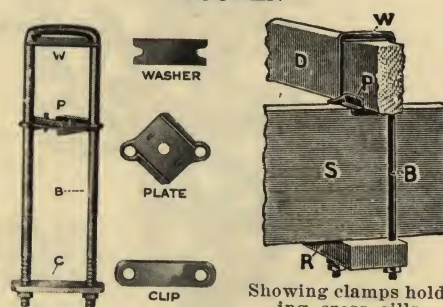
Wide solid bearing. Hinged together with heavy bolt. Strong and durable.

Per pair

No. 349—Malleable iron; wt. per pr. 1¾ lbs.\$2.00

Open stock.

HAY RACK CLAMPS LOUDEN



Showing clamps holding cross sills.

For building hay racks of all sizes. Boring of holes is unnecessary. Saves time.

U-shaped bolts ¾ in. diameter. Intermediate plate certified malleable iron. Top washer and clip of steel. Set consists of 8 each top washers, intermediate plates, lower clip plates and U-bolts.

Nos.	Clamps, in.	Wt. set, lbs.	Per doz. sets
0	12	11½	\$20.50
1	14	12	21.00
2	16	12¾	22.50
3	18	13½	27.00

One set in a wooden box.

HAY FORKS

LOUDEN HARRIS DOUBLE HARPOON



For use in any type of barn and on any kind of carrier. The original harpoon fork, built of genuine fork steel.

Each

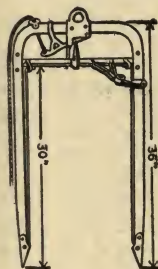
No. 353 — Length tines under cross bar $24\frac{1}{2}$ inches, width between tines $15\frac{1}{2}$ in.; wt. ea. 15 lbs..\$3.50

No. 674 — Length tines under cross bar 31 in., width between tines $15\frac{1}{2}$ in.; wt. ea. 17 lbs. 3.90

Each

No. 676—Large—Length tine under cross bar 32 in., width between tines 21 in.; wt. each 29 lbs....\$7.70

MYERS LOCK LEVER



While not longer than the regular double harpoon it has 50 per cent more capacity because cross bar is placed nearer top while it gathers hay and grain from end of point and not 2 in. from point as other forks do.

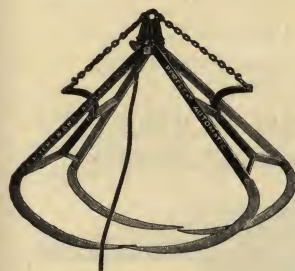
Heavy spring steel frame, japanned.

Each

No. 670—Width 19 in., length tines 30 in., length over all 36 in., sets with one lever and locks either open or closed; wt. each 24 lbs..\$7.00

GRAPPLE FORKS

MYERS PERFECT AUTOMATIC



High carbon spring steel; heat treated and oil tempered. Closes and locks itself before returning to the load. Trips easily from any direction.

This fork is unlike any other inasmuch as it is not only balanced at all points, but in addition the natural pull on the trip rope closes the fork and locks it securely, thus returning it to the load all ready to enter the hay.

Double braced throughout.

Width of head 19 in., length of tines 22 in., spread when open 56 in.

Each

No. 1351—4 tine; wt. each 40 lbs..\$14.70

No. 1438—6 tine; wt. each 48 lbs.. 16.80

All above open stock.

GRAPPLE FORKS

MYERS "GIANT" PERFECT AUTOMATIC



No. 1952—Open

High carbon, heat treated and oil tempered heavy spring steel. Attractively finished.

Similar in construction to the regular grapple fork in preceding column, but of heavier construction and extra large capacity.

Width of head 22 in., length of tines 22 in., spread when open 64 in.

Each

No. 1952—4 tine; wt. each 47 lbs..\$16.80

No. 1951—6 tine; wt. each 57 lbs.. 20.30

Open stock.

HAY FORK PULLEYS

MYERS



O. K. Knot Passing

Malleable iron frame, heavily ribbed. Finished in battleship gray.

Maple sheave, dipped in hot oil.

Frame will pass a large knot or splice. Loose pin and swivel eye.

Per dozen

No. 2644—6 in. sheave, 1 in. pin; wt. each $3\frac{1}{4}$ lbs.\$13.00

Open stock.



O. K. Knot Passing

Special heavy ribbed iron frame, finished in battleship gray.

Frame flanged out from edge of pulley to form an easy approach of the rope. Hard maple sheaves dipped in hot oil.

Loose pin and swivel eye.

Per dozen

No. 1120—6 in. sheave, 1 in. pin; wt. each 5 lbs.\$11.80

Open stock.



Knot Passing

Heavily ribbed cast frame, maple sheave dipped in hot oil.

Will pass a large knot or splice. Loose pin and swivel eye.

Per dozen

No. 796—6 in. sheave, 1 in. pin; wt. each 4 lbs.\$10.90

Open stock.

HAY FORK PULLEYS

MYERS

O. K. Plain

Cast iron frame, heavily ribbed with swivel eye, hard maple sheave dipped in hot oil. Frame finished in battleship gray.

Per dozen

No. 1133—6 in. sheave, $1\frac{1}{8}$ in. diameter axle; wt. each $3\frac{1}{2}$ lbs..\$10.90

Open stock.



Wood Frame, Reed Pattern

Hardwood frame riveted together at the top.

Wrought iron axle support.

The sheave revolves on a large axle.

Fitted with malleable eye.

Per dozen

No. 466— $4\frac{1}{2}$ in. sheave; 1 inch loose pin; wt. each 3 lbs.\$11.00

Open stock.

PULLEY SHEAVES

WOOD



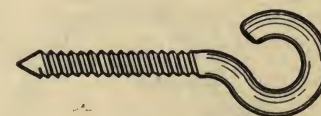
Hard maple, dipped in hot oil and polished. For all ordinary hay fork pulleys.

Per dozen

No. 6—6 in. diameter, $1\frac{1}{8}$ in. hole; wt. per dozen $10\frac{1}{2}$ lbs.\$3.10

Open stock.

PULLEY HOOKS



Wrought Steel

Sharp, coarse threads. Will hold firmly in any wood.

Per dozen

No. 390—Rafter— $\frac{5}{8}$ in. diam. x 6 in. long; wt. dozen 10 lbs.\$2.50

No. 389—Floor— $\frac{3}{4}$ in. diam. x 7 in. long; wt. dozen 12 lbs. 3.00

Open stock.

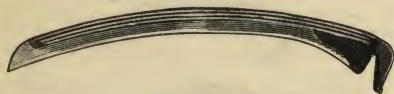
SCYTHES

KUT-WELL—Three-piece construction with highest quality carbon steel cutting edge. Double rib gives added strength and stiffness where required. Sharpens easily and will hold a keen edge.

Black finish with cutting edge and top of back polished. Ground sharp.

SWEDISH—Finest quality, one-piece Swedish steel; sharpened ready for use. Cutting edge polished, balance black lacquered.

GRASS



Kut-Well
Three-piece

Length, in.	24	26	28
Per dozen	\$31.00	31.00	31.00
Length, in.	30	32	
Per dozen	\$31.00	31.00	

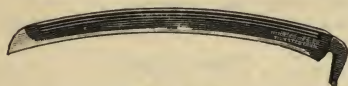
Average weight per dozen 23 pounds.

Swedish
One-piece

Length, in.	26	28	28
Per dozen	\$22.00	22.00	22.00

Average weight per dozen 19 pounds.

WEED



Kut-Well
Three-piece

Length, in.	24	26	28
Per dozen	\$32.00	32.00	32.00

Average weight per dozen 25 pounds.

Swedish
One-piece

Length, in.	24	26	28
Per dozen	\$23.00	23.00	23.00

Average weight per dozen 22 pounds.

BUSH



Kut-Well
Three-piece

Length, in.	18	20	22
Per dozen	\$32.00	32.00	32.00

Average weight per dozen 25 pounds.

Swedish
One-piece

Length, in.	18	20	22
Per dozen	\$24.00	24.00	24.00

Average weight per dozen 22 pounds.

Kut-Well scythes, one dozen in a box;
Swedish scythes, one-half dozen in a bundle, burlapped.

Above weights are net.

Note—Scythe lengths are determined by measuring on a straight line from outside of heel to point.

SCYTHE SNATHS

SEYMOUR IRONCLAD



High grade seasoned Northern ash, well proportioned and balanced. Finely finished.

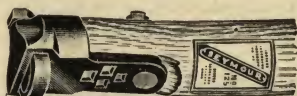
Improved loop bolt construction. Scythe is clamped to an iron plate and bolt is secured by a heavy nut and lock washer. Wood at butt end is left solid and strong and is completely encased in iron. Iron-clad fitting forms an iron band into which stick is driven.



Grass

Inclined plate lowers cutting edge of blade. Four holes permit adjustment.

Per dozen
No. 40—Grass snath; wt. per dozen
54 lbs.\$27.50



Bush

A heavy, indestructible snath for heavy duty. Four holes in plate permit four adjustments to scythe.

Per dozen
No. 125—Bush snath; wt. per dozen
63 lbs.\$31.50

STA-TITE

With improved heel plate which raises snath at its handles approximately 12 inches. Eliminates stooping and reduces fatigue. Fittings reinforce snath and may be tightened. Second growth Northern ash. Malleable iron fittings.



Grass, Weed and Bush

Per dozen
No. 300—Length over all 60 in.;
wt. per dozen 55 lbs.\$31.50

BACK-SAVER

Improved loop bolt type with Back-Saver Heel Plate as described above. Selected second growth Northern ash. Malleable iron fittings.



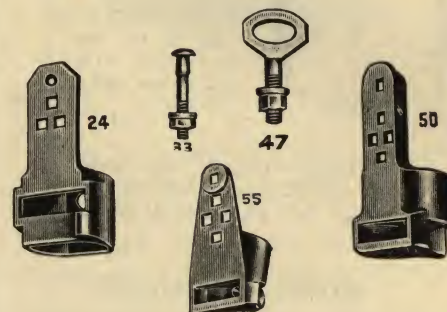
Grass

Per dozen
No. 50IBS—Length over all 60 in.;
weight per dozen 50 lbs.\$27.50

All above, one-half dozen in a bundle.

SCYTHE SNATH REPAIRS

Order by Number



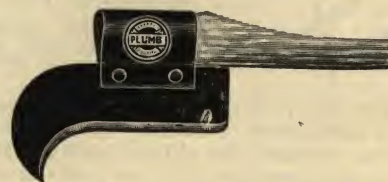
Per dozen
No. 3—Loop bolt and nut for No. 50\$2.40
No. 6—End web for No. 50 2.00
No. 7—Wrench for No. 40 1.20
No. 8—Wrench for No. 125 1.20
No. 9—Loop bolt and nut for Nos. 125 and 105 2.80
†No. 16—Nib for all snaths 4.80
No. 24—End web for No. 105 3.20
†No. 33—Bolt for holding web for Nos. 40 and 125 1.20
No. 47—Loop bolt and nut for No. 40 2.40
No. 50—End web for No. 125 4.80
No. 55—End web for No. 40 4.80

† Nibs for all snaths are the same except the Nib iron on a bush snath has a larger loop. Specify if bush or grass and upper or lower.

Open stock.

BUSH HOOKS

PLUMB IMPROVED



With Axe Pattern Handle

Solid forged eye does not come loose or catch on brush. Furnished complete with handle.

Per dozen
No. 791—10½ in. blade weight of head 2¼ lbs.; weight per dozen with handle 45 lbs.\$33.70

One-half dozen in a case.

HAY KNIVES

LIGHTNING PATTERN



Standard Waymouth pattern. Forged solid steel blade; oil tempered; teeth ground sharp; upper half of blade and shank painted red. Lower edge polished. Enameled hardwood handles with ferrule. Lower handle set at right angle.

Per dozen
Lightning—20 in. length of cut, 36 in. length over all, weight per dozen 60 lbs.....\$33.50

One dozen in a box.

IWAN'S IMPROVED



Serrated Sectional Waving Edge

Per dozen
No. 50—34 in. cutting edge consists of four sectional serrated waving edge blades of highest grade tool steel, sections riveted to strong angular tapering malleable iron bar, adjustable malleable iron handle with riveted wood grip; wt. per dozen 60 lbs.\$32.00

Handles are so arranged as to clear the operator's hands from the stack and to get the most power. Adjustable by loosening bolt.

Each
No. 3P—Extra Point Sections, for No. 50\$0.40

No. 4MS—Extra Middle Sections, for No. 5030

One-half dozen in a case.

HEATH PATTERN, THREE SECTIONAL



With Step

Varnished ash handle with malleable D wood grip fits into large strong socket, requiring no rivets. Blade has narrow tapering rib in center, greatly strengthening it.

Per dozen
No. 3—Length 46 in., width of blade 9 in., malleable casting composing blade and foot-step in one piece. Sections are of best mower knife steel, closely set; weight per doz. 66 lbs. ..\$28.50

Each
No. 3S—Extra sections, for No. 3 ..\$0.30

One-half dozen in a crate.

CORN KNIVES

KUT-WELL



Per dozen
Kut-Well—15 in. full polished of carbon tool steel, 3 in. wide at point, shaped sanded beech handle riveted to blade; wt. per dozen 11 lbs.\$6.50

KUT-WELL SPECIAL



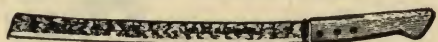
Per dozen
Kut-Well Special—16 in. high carbon tool steel blade with temper finish, scimeter pattern. 3 in. wide at point; shaped smooth finish handle riveted to blade; wt. per dozen 11 lbs. ..\$6.50

SPECIAL

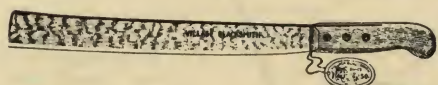


Per dozen
No. 18—16 in. special steel blade in a mill finish, 3 in. wide at point, beech handle riveted to blade; wt. per dozen 14 lbs.\$5.00

VILLAGE BLACKSMITH



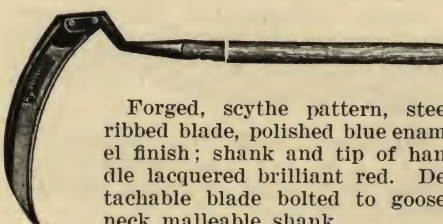
Per dozen
No. 1—16½ in. forged cutlery steel blade carefully tempered and hand ground, 1¼ in. wide; varnished maple handle with heavy rivets; wt. per dozen 12 lbs. ..\$7.80



Per dozen
No. 2—Same as No. 1, above, but with blade 1¾ in. wide; wt. per dozen 15 lbs.\$9.30

GRASS HOOKS

PERFECT, LONG HANDLE



Forged, scythe pattern, steel ribbed blade, polished blue enamel finish; shank and tip of handle lacquered brilliant red. Detachable blade bolted to goose-neck malleable shank.

Per dozen
No. 5—12 in. blade; 44 in. handle; weight per dozen 26 lbs.\$16.50

All above, one dozen in a container.

GRASS HOOKS

PERFECT



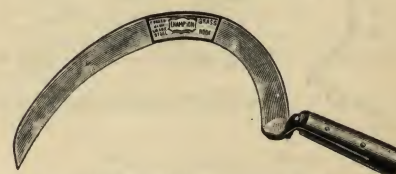
Forged, scythe pattern, same as No. 5, below but with oval, full grip short handle, shaped to fit the hand.

Blade bolted to round shank.

Per dozen
No. 4—12 in. blade; weight per dozen 10 lbs.\$10.80

One dozen in a carton.

CHAMPION



Polished high grade forged steel blade, with offset handle. Tang and handle finished brilliant red, green and orange lacquer.

Per dozen
No. 1½—12 in. cut; wt. per dozen 9 lbs.\$8.00

One dozen (four of each color) in a carton.

HAND MADE

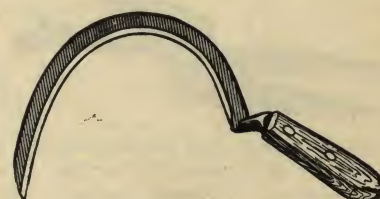


Blade and tang forged from one piece of steel; tang firmly riveted through the handle; offset handle; black forged finish; polished cutting edge; walnut hickory handle.

Per dozen
No. 1—12 in. cut; 6 in. handle; wt. per dozen 9 lbs.\$5.40

One dozen in a carton.

SPECIAL HUMMER



Forged finish steel blade with stained handle fastened with two rivets. Offset shank.

Per dozen
No. 15—14 in. cut, blade 1 in. wide; weight per dozen 8 lbs.\$4.00

One dozen in a box.

GRASWIPS

VILLAGE BLACKSMITH

Gooseneck Type

A double edged long handle tool that cuts rapidly on both forward and backward swing.

Does the work satisfactorily, provides a fascinating exercise without exertion. Used on the principle of a golf club.

Per dozen

No. 165—37 in. round steel shaft, enameled red and green; detachable double edged forged steel blade; maple handle; wt. per dozen 18 lbs.\$16.50

One-half dozen in a box.



GRASS SHEARS

SPECIAL



Bright steel blades, riveted to cast handles. Green enamel finish. Cadmium coil spring and bolt.

Per dozen

No. 519—6 in. blades, 12½ in. long over all; weight per dozen 10¾ lbs.\$4.00

One dozen in a box.

"CKR"

Hollow ground cutlery steel blades in bright finish. Red enamel malleable iron handles. Wire clip clasp.

Per dozen

No. 019—6 in. blades, 12½ in. long over all wt. per dozen 10 lbs. \$7.00

One-half dozen in a box.

SNIP-ITT



Case-hardened steel blades mottled finish; bright red enameled handles.

Up-and-down moving handles allow users' arm and hand to be in a natural position at all times. Tilting toggle makes shear self-tensioning. Friction reduced by semi-loose assembly.

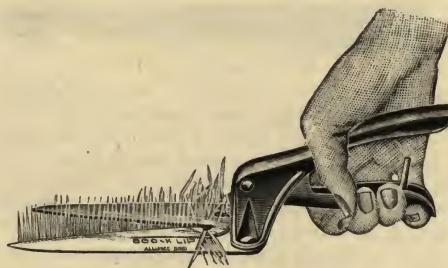
Per dozen

Snip-Itt—4½ in. cut; weight per dozen 14 lbs.\$16.00

One-half dozen in a carton.

GRASS SHEARS

DOO-KLIP



High carbon, cold rolled steel blades; cadmium plated and polished. Blades easily opened for grinding by removing one nut. Pinch proof handles triple-ribbed to prevent springing. Up-and-down movement prevents blisters, tired wrist, skinned knuckles and grass stained hands. Jade green enameled handles.

Per dozen

Doo-Klip—5½ in. cutting capacity, 11¾ in. length over all; wt. per dozen 16 lbs.\$21.60

One-half dozen in a carton.

DOO-KLIP, LONG HANDLE



Eliminates back ache, leg cramp, blisters, lifting and carrying.

User stands erect at all times with hand and arm in natural position. Easy to operate. Will not tear or mar thinly grown lawns.

Large, unbreakable wheels support shear at proper cutting height. Self-tensioning at all times. Case-hardened, rust-resisting steel blades, cadmium plated.

Pinch-proof, hand-fitting grip is mounted on a 32 inch tubular steel handle which encloses the actuating rod. Finished in jade green.

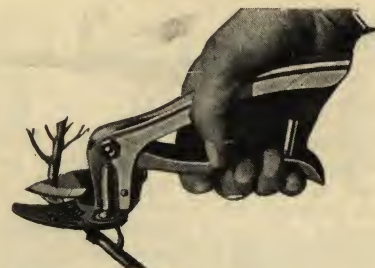
Per dozen

No. DKLH—32 in. handle; wt. per dozen 46 lbs.\$36.50

One-half dozen in a carton.

PRUNING SHEARS

DOO-KLIP



Ideal for pruning rose bushes, saplings, shrubs, vines, etc. Mounting of blades permits hand to remain in natural position and give a diagonal cut. Toggle action assures self-tensioning. Natural grip pinch-proof handles.

Case hardened high carbon steel blades, pressed steel handles with stop. Green enamel finish.

Per dozen

No. DKP—2¾ in. blade, 8 in. long over all; wt. doz. 12 lbs.\$18.00

One-half dozen in a box.

PRUNING SHEARS



California Pattern

Bright steel blades, riveted to cast handles, with catch. Volute spring. Length over all 8½ in.

Per dozen

No. 225—Green finish; wt. per dozen 11 lbs.\$4.00

No. 017—Red finish, as above, but with tempered blade; wt. per dozen 11 lbs.7.20

No. 225, one dozen; No. 017, one-half dozen in a box.



Forged Pattern

One-piece forged steel blade and handle. Polished blade, orange and black finish. Plain nut, volute spring. Wire handle catch.

Per dozen

No. 917—9 in. long; wt. doz. 12 lbs.\$12.00

One in a box, one-half dozen in a carton.



Forged Pattern

Same as No. 917, above, but with flat, double, brass spring and ratchet nut. Orange and black finish.

Per dozen

No. 917RBS—9 in. long; wt. per dozen 12 lbs.\$18.00

One in a box, one-half dozen in a carton.

PRUNING SHEAR SPRINGS

Volute Spring

Per dozen

No. VS—Blued spring steel, for Nos. 917, 017, and 225 pruners\$2.40

Double Brass Spring

Per dozen

No. DB—Double brass flat springs for No. 917RBS pruner\$2.40

Open stock.

PRUNING SHEARS

CLYDE



Positive Cut

Forged solid tool steel blade and hook $\frac{3}{8}$ in. rivet; selected second growth northern ash handles with bronzed steel strap ferrules and caps.

Per dozen

No. 5406—1 in. cutting capacity;
20 in. handles; wt. per dozen
47 lbs. \$29.00
One dozen in a wooden box.



Draw Cut

Forged solid tool steel blade, hook and shank, hardened steel bolt and lock nut with wearing washer; selected second growth northern ash handles with bronzed steel strap ferrules and caps.

Per dozen

No. 5402—2 in. cutting capacity;
24 in. handles; weight per dozen
75 lbs. \$55.00
One dozen in a wooden box.

TREE PRUNERS

CLYDE



Best tool steel blade and hook; firmly riveted to selected basswood handle. The sides of the hook extend down on the handle for $6\frac{1}{2}$ in., making a firm bearing and an unusually strong connection with the pole. Blade is held open by means of a coil spring from lever handle to pole.

Per dozen

No. 5407—With 10 ft. handle; wt.
per dozen 56 lbs. \$35.00
One dozen in a bundle.

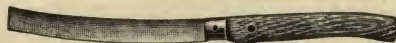
Per dozen

No. 5407B—Extra Blades for No.
5407 tree pruners \$3.50
Open stock.

HEDGE TRIMMERS

OLD FILE

Made from good grade cutlery steel, hammered to shape, hardened in oil and drawn to temper by special method. Ground to proper shape.



Convex

Per dozen

No. 2—Heavy—Weight per dozen
32 $\frac{1}{2}$ lbs. \$20.50

No. 6—Light—Weight per dozen 20
lbs. 16.00



Concave

Per dozen

No. 3—Heavy—Weight per dozen
32 $\frac{1}{2}$ lbs. \$20.50

No. 5—Light—Weight per dozen 20
lbs. 16.00

One dozen in a carton.

HEDGE SHEARS

VILLAGE BLACKSMITH



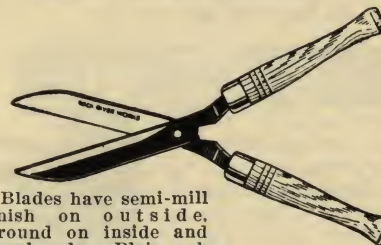
Well polished steel blades. Formed hardwood plain handles, riveted to blades.

Notched Blade

Nos.	†106	107	108	109
Cut, in.	6	7	8	9
Wt. each, lbs. ..	1 $\frac{1}{2}$	2	2 $\frac{1}{2}$	3
Each	\$1.30	1.80	2.00	2.30

†No. 106 does not have notched blade.

ROCK RIVER, LADIES'



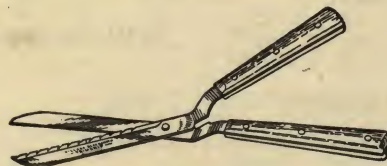
Blades have semi-mill finish on outside, ground on inside and bevel only. Plain ash handles, not riveted.

Blade Not Notched

Per dozen

No. 6P—6 in. cut; wt. ea. 1 $\frac{1}{2}$ lbs. \$12.00

V. B. TRIMSNIP



Saw Tooth Blade, With Cutter and Notch

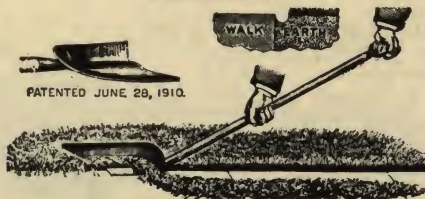
Full polished blades and offset. Selected varnished maple handles riveted through full tang with $\frac{3}{8}$ in. brass rivets. Blade serrated full length. Green enameled tang.

Nos.	ST06	ST08	ST09
Cut, in.	6	8	9
Wt. each, lbs.	2	2 $\frac{1}{2}$	2 $\frac{3}{4}$
Each	\$2.10	3.20	3.40

All above, one in a package.

LAWN EDGE TRIMMERS

IMPERIAL



PATENTED JUNE 28, 1910.

Steel blade; malleable iron socket and "D" handle.

With this tool the rough straggling, overhanging grass along the edges of the walk can be trimmed in a few minutes. It plows a clean U-shaped trench, delivering the cutting on the sidewalk.

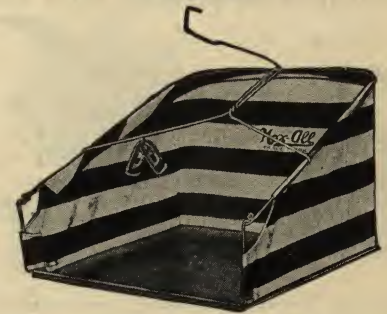
Per dozen

No. 136—48 in. length over all; wt.
per dozen 40 lbs. \$22.00

One-half dozen in a bundle.

GRASS CATCHERS

NOX-ALL



Heavy steel galvanized wire, round back frame. Heavy galvanized iron bottom with slots to provide perfect adjustment by merely slipping over the hooks.

Each catcher has one pair of hooks firmly wired on. These hooks are bolted to inside of roller bracket and provide the means to hold the catcher in its proper position.

Fitted with improved stationary handle.

Heavy Striped Duck

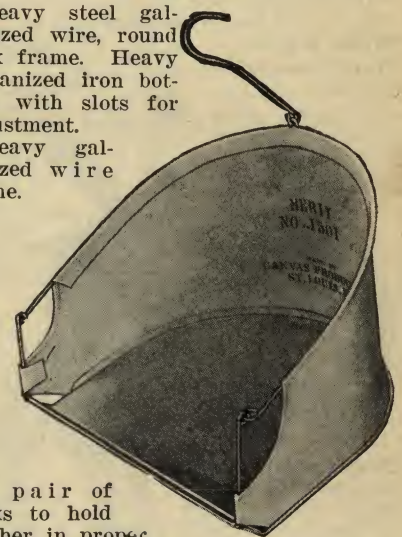
Nos.	508A	509A
Depth, in.	13	13
Adj. for mowers, in. 12 to 16	16 to 20	
Wt. doz., lbs.	45	50
Per dozen	\$15.50	17.50

One-half dozen in a carton.

MERIT

Heavy steel galvanized wire, round back frame. Heavy galvanized iron bottom with slots for adjustment.

Heavy galvanized wire frame.



A pair of hooks to hold catcher in proper position on rollers is also furnished.

Heavy White Duck

Nos.	1501H	1502H
Depth, in.	13	13
Adj. for mowers, in. 12 to 16	16 to 20	
Wt. doz., lbs.	32	36
Per dozen	\$12.00	15.00

One-half dozen in a carton.

GRASS CATCHER HOOKS



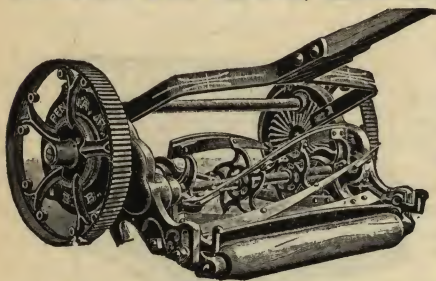
Steel

Per dozen pairs

No. GCH—For above catcher \$2.40
Open stock.

LAWN MOWERS

PENNSYLVANIA JUNIOR, HIGH WHEEL, BALL BEARING



Extra wide, oil hardened and tempered crucible tool steel blades. Raised edge bottom blade.

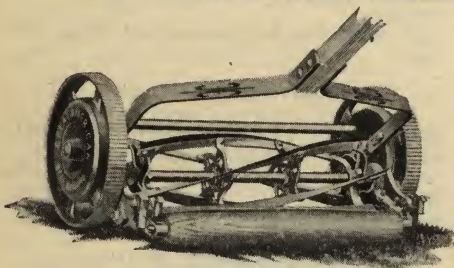
Braun self-aligning ball bearings, hardened steel cup and cones. Eccentric screw adjustment with positive lock. Train of three machine cut gears.

Gears are on both sides and encased in dirt-proof housings. Two steel pawls in each wheel.

Hardwood roller and Stay-tite handle. Finished in green, gold and red.

10 in. Drive Wheels, 6 in. Five-Blade Cylinder			
Width cut, in.	15	17	19
Weight each, lbs.	71	74	79
Each	\$30.00	32.00	36.00
			40.00

GREAT AMERICAN, HIGH WHEEL, BALL BEARING



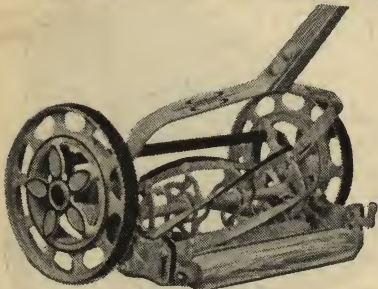
Extra wide oil hardened and tempered crucible tool steel blades. Raised edge lower blade.

Braun, self-aligning ball bearings, hardened steel cup and cones. Eccentric screw adjustment with positive lock. Internal gear on each wheel.

Steel wheel axle screwed and bolted to side plate. Hardwood roller and Stay-tite handle. Finished in red, gold and aluminum.

10 in. Drive Wheels, 6 in. Five-Blade Cylinder			
Width cut, in.	15	17	19
Weight each, lbs.	67	69	73
Each	\$22.00	24.00	27.00
			30.00

PENNSYLVANIA NEW ORCHID, BALL BEARING



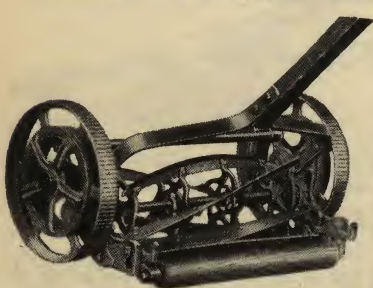
Hardened and tempered crucible tool steel blades. Raised edge bottom blade. Automatic self-adjusting ball bearings, hardened steel cup and cones. Internal gear in each wheel.

Steel axle, screwed and bolted to side plates.

Hardwood handle and roller. Green, gold and red finish.

10 in. Drive Wheels, 6 in. Five-Blade Cylinder			
Width cut, in.		17	
Weight each, lbs.		56	
Each		\$16.50	

DRAKE SPECIAL PENNSYLVANIA, BALL BEARING



Improved pattern with open style wheels.

Crucible tool steel blades. Automatic spring adjustment on cylinder cones to take up wear.

Spring steel lower blade, screwed to underside of casting, easily replaced when worn.

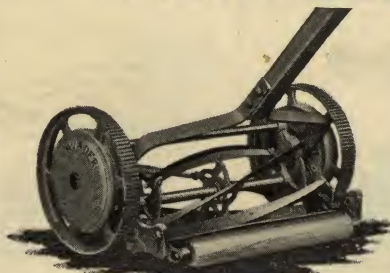
Hardwood roller and handle. Finished in attractive red and gold.

10 in. Drive Wheels, 6 in. Five-Blade Cylinder			
Width cut, in.		16	
Weight each, lbs.		54	
Each		\$11.30	

All above, one in a box.

LAWN MOWERS

INVADER PENNSYLVANIA, BALL BEARING



Solid wheels.

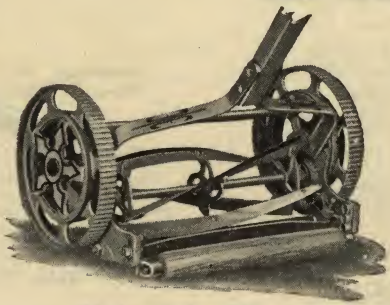
Automatic spring adjustment on cones. Spring steel lower blade, screwed to underside of casting and easily replaced when worn. Steel cutter knives.

Hardwood handle and roller.

Finished in gold with red trim.

10 in. Drive Wheels, 6 in. Five-Blade Cylinder			
Width cut, in.	16		18
Weight each, lbs.	52		54
Each	\$10.00		10.70
One in a box.			

NEW KLIFTON, PENNSYLVANIA, HIGH WHEEL, BALL BEARING



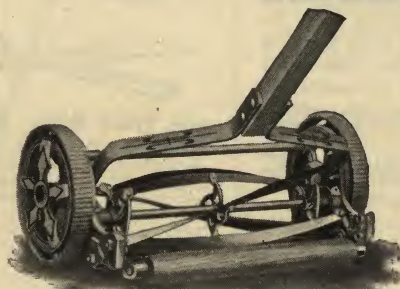
Crucible tool steel blades. Automatic spring adjustment on cones. Spring steel lower blade, screwed to underside of casting.

Hardwood handle and rollers.

Finished in gold with red decorations.

10 in. Drive Wheels, 6 in. Four-Blade Cylinder			
Width cut, in.	16		18
Weight each, lbs.	52		54
Each	\$9.40		10.00
One in a box.			

BURLINGTON JUNIOR, PENNSYLVANIA, LOW WHEEL, BALL BEARING



A good grade mower priced to meet competition. Open wheels.

Automatic spring adjustment on cones. Spring steel lower blade, screwed to underside of casting. Crucible steel reel blades.

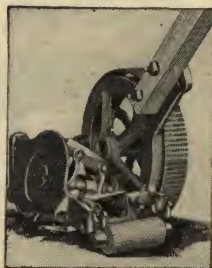
Hardwood handle and rollers.

Finished in silver with blue trim.

8 in. Drive Wheels, 5½ in. Four-Blade Cylinder			
Width cut, in.	14		16
Weight each, lbs.	42		44
Each	\$3.30		8.60
One in a box.			

LAWN TRIMMERS

PENNSYLVANIA UNDERCUT



Unique construction permits cutting under a fence or rock-cut base of tomb stones, house foundations and other place hitherto out of reach of anything but hand shears.

Slanting side plate and conical cylinder make it possible to cut all grass left by the regular style of lawn mower.

Ball Bearing

Finished in green with gold trim.

9½ in. Drive Wheel, 5½ in. Four-Blade Cylinder			
Width cut, in.		5½	
Weight each, lbs.		34	
Each		\$16.00	
One in a box.			

GARDEN HOSE
VIGILANT



Moulded, Corrugated

Black, two-braid construction, moulded hose. Strong flexible inner tube, wear resisting cover.

In 25 Foot Lengths, Coupled		
Size, in.	$\frac{5}{8}$	$\frac{3}{4}$
Wt. 100 ft., lbs.	28½	36
Per foot	\$0.20	.22

In 50 Foot Lengths, Coupled		
Size, in.	$\frac{5}{8}$	$\frac{3}{4}$
Wt. 100 ft., lbs.	28½	36
Per foot	\$0.19	.21

250 Ft. in a Bale, Uncoupled		
Size, in.	$\frac{5}{8}$	$\frac{3}{4}$
Wt. 100 ft., lbs.	28½	36
Per foot	\$0.18	.20

500 Ft. in a Bale, Uncoupled		
Size, in.	$\frac{5}{8}$	$\frac{3}{4}$
Wt. 100 ft., lbs.	28½	36
Per foot	\$0.18	.20

VIXEN



Moulded, Corrugated

Black, heavy one-ply hose; tough closely braided jacket, thick rubber cover. From the standpoint of service, this hose is fully equal to many of the lighter grades of two-ply hose.

In 25 Foot Lengths, Coupled		
Size, in.	$\frac{5}{8}$	
Wt. 100 ft., lbs.	26	
Per foot	\$0.16½	

In 50 Foot Lengths, Coupled		
Size, in.	$\frac{5}{8}$	
Wt. 100 ft., lbs.	26	
Per foot	\$0.15½	

250 Ft. in a Bale, Uncoupled		
Size, in.	$\frac{5}{8}$	
Wt. 100 ft., lbs.	26	
Per foot	\$0.14½	

500 Ft. in a Bale, Uncoupled		
Size, in.	$\frac{5}{8}$	
Wt. 100 ft., lbs.	26	
Per foot	\$0.14½	

BOSTON No. 84



One Braid

A low priced hose, purposely produced to meet competition in this field. Not wrapped, black cover.

Coupled		
Size, in.	$\frac{5}{8}$	
Wt. per 100 ft., lbs.	22¼	
In 25 ft. lengths, per ft.	\$0.11	
In 50 ft. lengths, per ft. ....	.10	

Uncoupled		
Size, in.	$\frac{5}{8}$	
In 250 ft. bales, per ft.	\$0.09½	
In 500 ft. bales, per ft. ....	.09½	

GARDEN HOSE
ALL RUBBER



Black with corrugated outer surface. It is an unbranded product and placed on the market to meet competition in a hose of this class.

Coupled		
Size, in.	$\frac{5}{8}$	
Wt. per 100 ft., lbs.	34½	
In 25 ft. length, per ft.	\$0.08	
In 50 ft. lengths, per ft. ....	.07	

WATER HOSE
BULL DOG CORD



Moulded Corrugated

Brown, two-braid construction. Moulded hose. Super-strong, super-wear resisting, super-flexible. For contractors, estates, parks and other uses.

In 25 Foot Lengths, Coupled		
Size, in.	$\frac{3}{4}$	1
Wt. 100 ft., lbs.	41	51
Per foot	\$0.31	.40

In 50 Foot Lengths, Coupled		
Size, in.	$\frac{3}{4}$	1
Wt. 100 ft., lbs.	41	51
Per foot	\$0.30	.42

SUCTION HOSE
LEADER HARD RUBBER



Five-Ply, Smooth Black Cover

Semi-rigid hard rubber tube, giving necessary support for light suction. Strongly plied with good rubber cover. For threshing pumps, etc.

1-Inch—Wt. per 100 ft. 63½ lbs. ...	\$0.52	Per foot
Note—Cut to lengths desired.		

SPRAY HOSE
VIGO



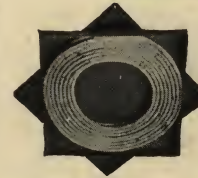
One Braid Smooth Composition Cover

For hand and light power spray pump use and will withstand all light spraying pressures. Special rubber tube withstands action of all solutions. Also suitable for gas connection.

Size, in.	$\frac{5}{8}$	$\frac{1}{2}$
Wt. 100 ft., lbs.	16½	20½
Per foot	\$0.12	.15

250 ft. reels; cut to length desired.

RUBBER TUBING
SMOOTH MACHINE



For general use.

Made of specially selected rubber; very firm, tough and durable. Unexcelled in quality.

Size, in.	$\frac{1}{4}$	$\frac{3}{8}$
Wall, in.	$\frac{1}{16}$	$\frac{1}{8}$
Per box	\$1.60	2.30

Fifty feet in a box.

GARDEN HOSE WASHERS



GOOD LUCK

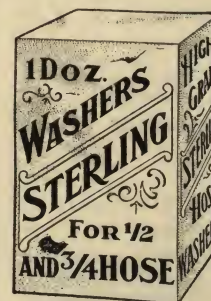
Red Rubber

Tough, alive and springy.

Instead of getting hard, shrinking and falling out of the coupling, they stay soft and hold firmly in place, saving the time and temper caused by a leaky connection or a missing washer.

Good Luck—1 dozen washers in a box, 24 boxes in a carton	\$2.40
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STERLING



Black Rubber

Fits $\frac{1}{2}$, $\frac{5}{8}$ or $\frac{3}{4}$ in. hose couplings.

Made of good quality, live, durable rubber and will make a water-tight connection.

Per pound Sterling—In 1 pound boxes for bulk sale	\$0.70
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HOSE CLAMPS
SHERMAN SINGLE



Heavy Wrought Brass

Tongue runs in channel holding it close to hose and making a uniform grip. Pliable in band portion. Stiff ears. Heavy shoulders.

Rustproof.

For nose, in.	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
I. D. open, in.	$\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{1}{8}$
Wt. gross, lbs.	$5\frac{3}{4}$	$6\frac{1}{2}$	$6\frac{3}{4}$
Per dozen	\$0.70	.70	.70

One gross in a box.

Galvanized Steel

Easy to apply, insure tight joints, save hose and last longer than other types.

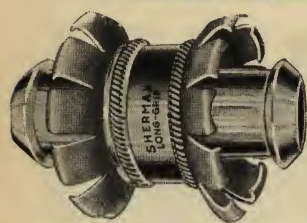
Same principle of construction as the all brass shown above.

For hose, in.	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
I. D. open, in.	$\frac{7}{8}$	1	$1\frac{1}{8}$
Wt. gross, lbs.	$5\frac{1}{4}$	$5\frac{3}{4}$	$6\frac{1}{2}$
Per dozen	\$0.50	.50	.50

One-half gross in a box.

HOSE COUPLINGS

SHERMAN LONG-GRIP



No. 30—
Perfect
clinch-
ing
types.

Heavy
wrought
brass; rust-
proofed
steel-grip
fingers.

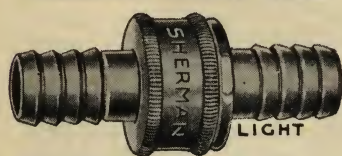
Self-fastening coupling that does not
require extra bands, bolts or wire. It
adjusts itself to any thickness of hose.

To fasten, slip on hose and hammer
down.

For hose, in.	1/2	5/8	3/4
Wt. doz., lbs.	2 1/8	2 3/4	3
Per dozen	\$3.90	3.90	3.90

One dozen in a box.

SHERMAN SHORT TAIL



One corrugation shorter than standard.
Wrought brass with die cut threads. A
high grade light service coupling.

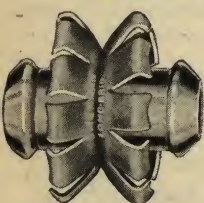
No. 77—Double Knurled Nut

For hose, in.	1/2	5/8	3/4
Wt. doz., lbs.	1 1/4	1 1/2	1 3/4
Per dozen	\$2.20	2.20	2.20

One dozen in a box.

HOSE MENDERS

SHERMAN LONG-GRIP



No. 31—Perfect
clinch-
ing type.

Heavy wrought
brass; rust-proofed
steel grip fingers.

Self-fastening mender and does not re-
quire bands, bolts or wire. Adjusts itself
to any thickness of hose.

To fasten, slip on the hose and hammer
down.

For hose, in.	1/2	5/8	3/4
Wt. doz., lbs.	1 1/4	1 1/2	1 3/4
Per dozen	\$1.20	1.20	1.20

Two dozen in a carton.

HOSE NOZZLES

BRASS KING



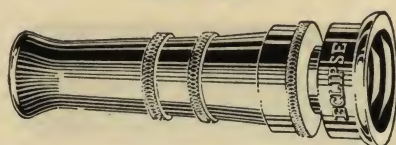
Wrought brass; practical and imperish-
able. Adjustable from spray, straight
stream to shut-off.

Per dozen	
Brass King—3/4 in. thread; wt. per	
dozen 2 1/4 lbs.	\$4.00

One dozen in a box.

HOSE NOZZLES

ECLIPSE



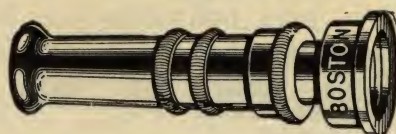
Solid cast brass; polished. Barrel or
sleeve tapers to the heavily beaded end.

Adjustable from full stream to fine
mist.

Per dozen	
Eclipse—3/4 in. thread; wt. per doz.	
4 1/2 lbs.	\$8.40

One dozen in a box.

BOSTON



Solid cast brass, extra heavy, polished,
adjustable for spray or full stream, posi-
tive shut-off.

Per dozen	
Boston—For 3/4 in. hose, weight per	
dozen 6 lbs.	\$12.00

One dozen in an attractive display.

LAWN SPRINKLERS

FLARING ROSE



Polished
Brass

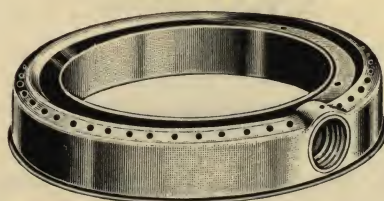
Its small
perfora-
tions emit a
fan-like sheet
of tiny jets
that are just

like gentle rain; unexcelled for sprink-
ling young plants and flowers and small
grassy places Will not crush or beat
down young plants.

Per dozen	
No. FRS—5 in. wide, 3/4 in. hose con-	
nection; wt. per doz. 6 1/4 lbs. ..	\$8.00

One-half dozen in a display box.

FOUNTAIN



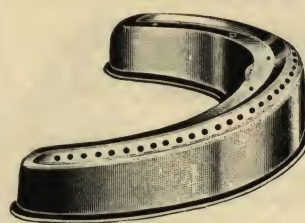
Brass; with holes so pierced that mist-
like spray is produced. The finely divided,
dewy spray closely resembles nature's
gentlest shower.

Per dozen	
Fountain—8 1/2 in. diameter; wt. per	
doz. 13 1/2 lbs.	\$14.40

One in a display box.

LAWN SPRINKLERS

HALF FOUNTAIN



Brass;
with holes
so pierced
that a mist-
like spray
is produced.

Sprinkles
a half cir-
cle.

May be moved about without shutting
off the water. Most convenient for spray-
ing along walks and buildings or small
grass plots.

Per dozen	
Half Fountain—8 1/2 in. wide; wt. per	
doz. 8 1/2 lbs.	\$9.50

One in a display box.

WHIRLING SHOWER



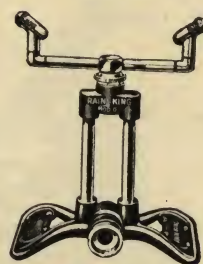
Well built of
non - corrosive
metal with
precision fitted
phosphor
bronze bear-
ing. Will not
clog or leak.
Double whirl-
ing. Gentle
rain spray.

On 20 pounds pressure it will sprinkle
evenly over 35 foot circle.

Per dozen	
No. WS-2—6 in. high; wt. per doz.	
12 lbs.	\$14.40

One in a carton.

MODEL "D" RAIN KING



The world's great-
est sprinkler value;
sets to turn fast,
slow or stationary.
Substantial cast
base, double brass
water columns. Fin-
ish red and brass.

Each	
Model D—9 in. high, 7 1/4 in. wide;	
weight each 2 3/4 lbs.	\$2.70

One in a carton

MODEL "G" RAIN KING



Throws any
known kind of
spray over cir-
cles 12 to 65
feet on normal
pressure.

May be set to
revolve very
slowly or faster,
as desired.

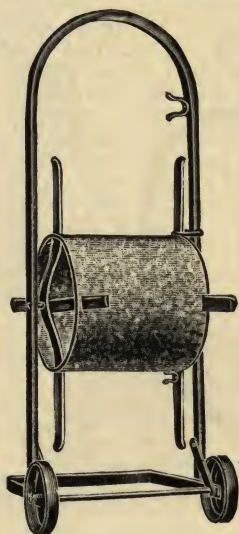
Simple, strong
and durable.

Disc type, easy-to-move base. Brass
arm, upright and nozzle mounted on rich
green enamel base.

Each	
Model G—8 in. diameter base, 11 1/2	
in. high over all; wt. each 5 1/2	
lbs.	\$4.70

One in a carton.

HOSE REELS LITTLE GIANT

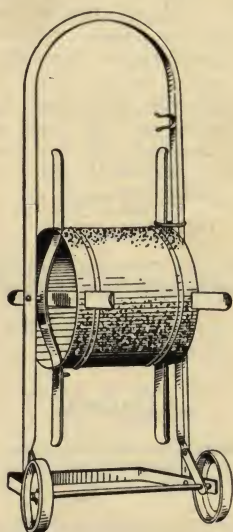


A very strong, durable, and attractive reel.

Channel steel frame, steel wheels, galvanized winding drum, with crimped edges. Frame and base enameled green, wheels and cross arms red.

Each
No. 150—9 in. diameter reel, 15 in. wide, 34 in. high; capacity 100 ft. of $\frac{3}{4}$ in. hose; wt. each 13 lbs.\$2.60

Two in a bundle.



Lighter in weight and construction than the above, but a leader in the competitive priced field.

Roller channel steel frame, steel wheels, galvanized drum. Frame and base enameled green, wheels and cross arms red.

Each
No. 1600—9 in. diameter reel, 15 in. wide, 34 in. high; capacity 100 ft. of $\frac{3}{4}$ in. hose; weight each 10 lbs.\$1.70

Two in a bundle.

SPRAYERS MARTIN INTERMITTENT



A small, very efficient sprayer. Used with fly oils, insecticides, disinfectants, etc. Best quality plunger leather.

Tin Pump and Tank

Per dozen
No. 101S—Capacity 10 oz., pump $1\frac{1}{4}$ x10 in., tank 3x3 in.; wt. per dozen 8 lbs.\$4.20

One dozen in a carton.



For spraying insecticides on flowers and plants, disinfectants in poultry houses, barns, etc. A popular seller.

Tin Pump and Tank

Per dozen
No. 99S—Capacity 1 qt., pump $1\frac{1}{2}$ x14 in., tank 4x4 $\frac{1}{4}$ in.; wt. per dozen 12 $\frac{1}{2}$ lbs.\$6.00

One dozen in a carton.



Designed for use on farms, for dairies, florists and household use in spraying disinfectants and insecticides of all kinds. Equipped with a special type plunger with soft leather cup. A very popular sprayer.

Tin Pump and Tank

Per dozen
No. 102S—Capacity 1 qt., pump $1\frac{3}{4}$ x14 $\frac{1}{2}$ in., tank 4x4 $\frac{1}{4}$ in.; wt. per dozen 15 lbs.\$7.00

One dozen in a carton.

MARTIN CONTINUOUS



For oils, chemicals, disinfectants, etc. Nozzle cap and syphon tube removable for cleaning. Produces a finely divided continuous spray. Best quality plunger leather.

Tin Tank and Pump

Per dozen
No. 108ST—Capacity 1 qt., pump $1\frac{1}{2}$ x14 in., tank 4x4 $\frac{5}{8}$ in.; wt. per dozen 15 lbs.\$12.80

One dozen in a carton.

SPRAYERS MARTIN GLASS JAR



A household sprayer with detachable glass tank. Will handle all liquid sprays and is light and convenient to use.

Tin Pump

Per dozen
No. 111S—Capacity 5 $\frac{1}{2}$ ozs., pump $1\frac{1}{4}$ x8 in.; wt. per dozen 7 $\frac{1}{2}$ lbs.\$2.80

Two dozen in a carton.

MARTIN PRESSURE



With lever control. Can be operated as a continuous sprayer by holding lever down while pumping. Suitable for all chemicals, fly spray, disinfectants, etc. Very convenient and efficient. Auxiliary handle on tank.

Tin Pump and Tank

Each
No. 113S—Capacity 3 quarts; wt. each 1 $\frac{3}{4}$ lbs.\$2.80

Two in a carton.

DAIRY



A high pressure chemical sprayer and a powerful atomizer. Very practical for dairy herds, for flowers and plants, and for small painting operations with cold water paints.

Brass nozzle with automatic lever action. Adjustable for light or heavy sprays.

Funnel shaped pump end serves as a support when set down for pumping high pressure.

Heavy galvanized steel tank; aluminum finish

Each
No. 110S—Capacity 3 quarts; wt. each 4 $\frac{3}{4}$ lbs.\$5.40

One in a carton.

SPRAYERS

MARTIN COMPRESSED AIR



2 Gallon Capacity
Will handle almost any solution and is a very dependable and satisfactory machine; reasonably priced and built to meet competition. The best low priced sprayer on the market and will outlast any other sprayer in its price class.
Has a patented pump cap making a quick and tight seal, with one-half turn. Equipped with a 24 in. brass extension tube and automatic control nozzle.

Rubber hose with wire support.
Capacity 2 gallons; height 17½ in., diameter 6¼ in.
With Funnel Top Each
No. 7SG—Galvanized tank\$5.00
No. 7SB—Brass tank 8.20
Weight each 8 pounds.
One in a carton.

3½ Gallon Capacity
Similar to No. 7, above, but larger in size and proportionately heavier in construction. Includes the patented pump cap which seals tight with one-half turn.
Capacity 3½ gallons; height 19½ in., diameter 7¾ in.
With Funnel Top Each
No. 5SG—Galvanized tank\$5.50
No. 5SB—Brass tank 9.00
Weight each 9½ pounds.
One in a carton.



4 Gallon Capacity
Made adjustable for spraying straight ahead or can be turned to spray at any angle desired.
Convenient D handle with wing nut construction. Heavy threaded brass cap.
Automatic shut-off, brass nozzle with universal connection and adjustable cap for coarse, medium and fine sprays or solid stream.
Wide adjustable shoulder strap with snap fastener.

Moulded oil resisting spray hose, very flexible and will not kink. Coil wire spring support at connection. 24 in. brass extension.
Capacity 4 gallons; 21 in. high, 7¾ in. diameter.
With Funnel Top Each
No. 8SG—Galvanized tank\$8.30
No. 8SB—Brass tank12.50
Weight each 12 pounds.
One in a carton.

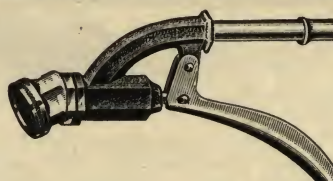
SPRAYER REPAIRS

NOZZLES

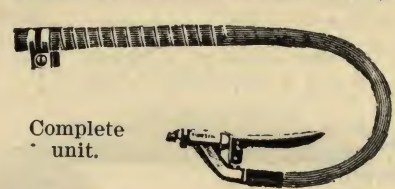
Each
No. 59—Straight nozzles\$0.80
Inside Parts for No. 59
Per dozen
No. N9—(1)\$2.30
No. 57C—(2) Coarse 1.50
No. 57M—(2) Med... 1.50
No. 57F—(2) Fine... 1.50
No. 61—(3)76
No. 56—(4) 1.50
No. 58—(5) 1.50



SHUT-OFF VALVE WITH NOZZLE




For compressed air sprayers. 45 degree discharge. Delivers a fine broad spray. Each
No. 71M—Automatic, with nozzle...\$1.90




Complete unit.
Each
No. 84M—Automatic shut-off valve with nozzle, hose and clamp...\$2.40

BRASS EXTENSIONS



With coupling. Each
No. 74A—24 in. long.....\$0.80
No. 75A—36 in. long..... 1.20

AIR CHECK VALVE



For bottom of pump on all compressed air sprayers. Each
No. 78—With spring\$0.30

CUP LEATHERS

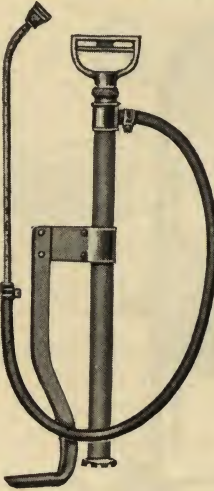
Fits all compressed air sprayers. Each
No. 74—1¾ in. diameter\$0.14

RUBBER GASKETS

Each
No. 85—For Nos. 7SG and 5SG sprayers\$0.14
No. L95—For No. 8SG sprayers.... .14
All above, open stock.

SPRAY PUMPS

MARTIN BUCKET



Heavy seamless brass air chamber with bronze balls in cage. Strainer prevents clogging.
Malleable iron D handle and foot rest. Fits over pail or tub. 12 in. brass extension.
Brass spray head with extra discs, fine, coarse and solid stream.
Each
No. 221S—¾x19½ in. cylinder, 1½x19 in. air chamber, 3 ft. ¾ in. hose; wt. 4 lbs.\$3.70
One in a box.

LITTLE GIANT, BUCKET



Provided with a large air chamber and brass ball valves; the nozzle throws a continuous spray and is not affected by the movement of the plunger; will throw a solid stream 50 feet, and is of unusual value for spraying trees; washing windows and autos, extinguishing fires, etc.
For spraying they are arranged to discharge a fine jet in the bottom of the bucket to keep the solution thoroughly mixed and agitated; the pumps are also provided with a sprinkler for flowers.
Each
No. 327½—1½x20 in. tube, ½x36 in. spray hose; fine and solid stream nozzles; 27 in. height over all; malleable foot rest; weight each 6 lbs.....\$5.30
One in a carton.

Plunger Leathers

Each
No. 327½L—1 in. diameter, for No. 327½ spray pumps.....\$0.10

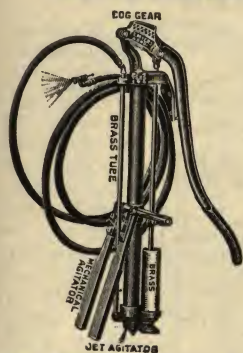
STANDARD



A simple powerful low price pump, for every kind of spraying, whitewashing and disinfecting.
Made entirely of brass. For spraying a small orchard use it with a bucket and 3½ ft. of hose. For a large orchard use 25 or 30 feet of hose and a common barrel on a sled.
Each
Standard—18 in. long; 1½ in. diameter; ¾ in. plunger; length over all 27½ in. (not including hose); weight per dozen 34 lbs.\$5.50
One in a box.

SPRAY PUMPS

MYERS IMPROVED, BARREL



Without Barrel

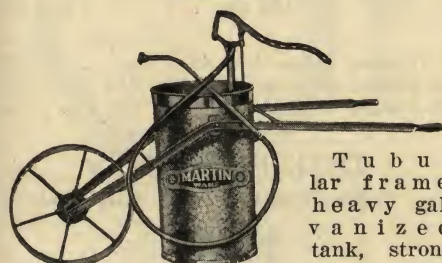
Cog gear handle and with both jet and mechanical agitators.

Cylinder valves, valve seats and discharge all brass. Bronze ball valves, self-expanding plunger.

Each

No. R305B—35 in. high, complete with 15 ft. of ½ in. 5-ply discharge hose and graduating vermored nozzle; wt. each 40 lbs.\$21.00
One in a crate.

WHEELBARROW SPRAYER MARTIN



Tubular frame, heavy galvanized tank, strong wheel.

Pump used has 1½x6½ in. brass cylinder and 1½x25 in. air chamber. 3 ft. hose and nozzle for light and heavy spray, 150 lbs. pressure. With agitator.

Each

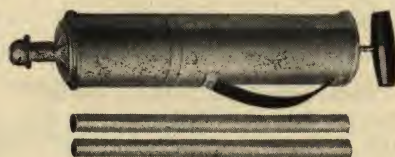
No. 26S—Capacity 12½ gallons, 16x2 in. wheel, 5 ft. hose, 24 in. extension rod; wt. each 46 lbs.\$18.70
One in a crate.

DUSTERS MARTIN



Household roach and bug duster. Made of heavy tin.

Per dozen
No. 14D—Capacity 6 ozs., 1¾ in. diam., 19¼ in. long over all, 4½ in. powder chamber; wt. dozen 10 lbs.\$8.00
One dozen in a carton.

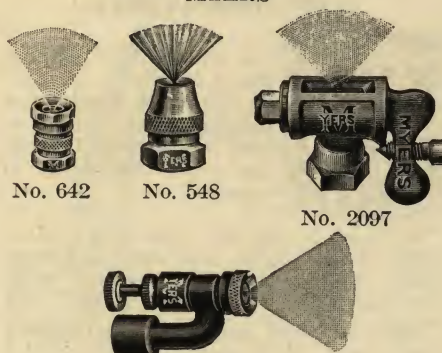


For small fields and gardens. Made of heavy steel and furnished with angle nozzle and 24 in. of extension tube. Auxiliary side handle.

Per dozen
No. 13D—Capacity ½ lb., 16 in. long without fittings, diam. 3 in.; wt. per doz. 16½ lbs.\$19.20
One dozen in a carton.

SPRAY NOZZLES

MYERS



No. 642

No. 548

No. 2097



No. 1564

Will Fit Any Make Sprayer

Made of cast brass and fitted with hard stainless steel discs, insuring long service.

All numbers fitted with standard ¼ in. pipe thread.

Imperial

Each

No. 642—With removable cap and disc; delivers a fine spray....\$0.60

Sprinkling

Each

No. 548—Sprinkling nozzle, throws a fine spray\$0.45

Bordeaux

Recommended for whitewashing. Double face gives extra wear.

Each

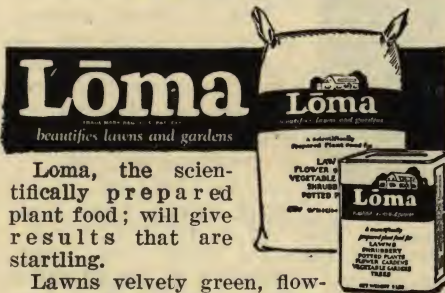
No. 2097—Throws a fine fan shaped spray and will readily free itself, should it become clogged, by turning the cock handle; may be shut off altogether \$1.54

Vermorel

Each

No. 1564—Graduating; will throw a fine mist up to a solid stream or can be shut off entirely by adjusting the screw plunger with thumb nut\$1.12
All above, one in a box.

PLANT FOOD



Loma, the scientifically prepared plant food; will give results that are startling.

Lawns velvety green, flowering plants sturdy, full-bloomed and tall; vegetables unsurpassed in size and richness.

Loma is rich in nitrogen. Agricultural experts agree that this is the most vital plant food. Loma works quickly and great results are shown in a week's time.

Size Cans, lbs. 1 5
Each\$0.14 .70

Size Bags, lbs... 10 25 50 100
Each\$1.15 2.10 3.60 6.00

LAWN GRASS SEED



Lincoln Park Mixed

Exceptionally satisfactory for use on large lawns and parks where a smooth, heavy, vigorous turf is desired.

Contains Kentucky Blue grass, fancy red top, domestic rye grass and white clover.

Size Bags, lbs.2 3 5 25 50
Per pound\$ Market Price

Shady Place

Best for general purposes and a good seed to fill in on shady spots. Per pound 1 Lb. Cartons—24 in case. \$ Market price

5 Lb. Bags..... Market price

ANT KILLER

ANTROL

Special glass feeder filled with regular Antrol syrup.

Simply remove inside liner from the cap, replace cap, and place feeder around infested area or in the house.

Per dozen sets

No. 2 Ready-Filled—Consists of 4 bottles; shipping wt. per dozen sets 10½ lbs.\$6.40
One dozen sets in a case.



Dirt-proof glass containers fitted with rust-proof aluminum lids.

A permanent system proved in over a million homes.

Per dozen sets

No. 1 Regular—Consists of 4 water and dirt-proof glass containers and 4 oz. bottle of Antrol syrup, enough for two complete fillings, shipping wt. per dozen sets 18 lbs.\$12.00
One dozen sets in a case.

ANTROL SYRUP

For refilling containers and feeders.
Size Bottle, ozs. 4
No. in case 24
Wt. per case, lbs. 17
Per dozen\$5.60

ACME GARDEN GUARD

Non-Arsenic

Perfectly harmless to humans, pets and birds, yet highly effective against insects of both sucking and leaf-chewing types.

Just sift on plants from shaker top carton. No water required. Ideal for the small garden.



Size1 lb. can 4 lb. bag
Pounds in case 24 24
Per pound \$ Market Price

INSECTICIDES

ACME, BORDEAUX MIXTURE



Prevents large losses caused by blight, rot, mildew, scab, anthracnose and certain other fungous diseases. It stimulates plant growth and greatly increases the harvests.

Almost every kind of vegetable, fruit and shrub can be greatly improved by the early use of Bordeaux mixture.

	Carton	Bag
Size, lbs.	1	4
Pounds in case	24	24
Per pound	\$ Market Price	

ACME, PARIS GREEN

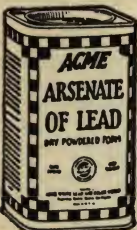


A rich, emerald color and of fine fluffy physical character. Containing 55% arsenious oxide, it will give quickest control where extreme measures are necessary.

For use on potatoes, cotton, tobacco and also to mix with arsenate of lead for fruit tree spraying where quick results are necessary.

	Carton		Kit
Size, lbs.	1/4	1	5
Pounds in case	24	24	30
Per pound	\$ Market Price		

ACME, ARSENATE OF LEAD



The most favored arsenical insecticide found on the American market.

It is safest to use on tender foliage and sticks well on the leaves.

Recommended for fruit trees, vegetables, bushes, and tobacco. Can be used as dust or spray.

Size carton, lbs.	1/2	1
Pounds in case	24	24
Per pound	\$ Market Price	

Size bag, lbs.	4	1
Pounds in case	24	24
Per pound	\$ Market Price	

LIME SULPHUR SOLUTION

ORCHARD BRAND

Size Drum, gals.	25	50
Per gallon	\$ Market Price	

INSECTICIDES

ACME, LIME SULPHUR



A standard 33° Baume lime and sulphur converted into a dry powder but having all the effectiveness of the liquid product when dissolved in water.

For use in dormant spraying against scale, peach blight, leaf curl and twig borer. Summer spraying against scab, soot, blotch, red spider and mite.

Also officially approved for dipping sheep, hogs, cattle and horses.

	Cartons	Bags	Steel Drum
Size, lbs.	1	5	12 1/2
Pounds in case	24	30	100
Per pound	\$ Market Price		

BLACK LEAF "40"



Nicotine Sulphate

Kills insects both by contact and by fumes. Because the spray "fumes-off" or evaporates from the foliage and fruit it is safe to use.

Used in garden, orchard, barn yard and poultry house.

Its odor, though faint, repels dogs or cats.

Size bottle	1 oz.	5 oz.	1 lb.
No. in case	144	12	12
Wt. per case, lbs.	34	10	25
Per dozen	\$5.34	16.00	27.20

Size tin	2 lb.	5 lb.	10 lb.
No. in case	12	6	6
Wt. per case, lbs.	32	41	76
Each	\$4.60	9.40	17.30

HOUSEHOLD SPRAYS

O-CEDAR



A recognized exterminant of insects and pests.

Has a clean pleasant odor.

Kills flies, ants, mosquitoes, moths, fleas, roaches, bed bugs, lice, etc.

Quick, safe and sure.

Size cans	1/2 pt.	1 pt.	1 qt.	1 gal.
Cans in case. 24	12	12	6	
Wt. each, lbs. 15 1/2	15 1/2	28	48 3/4	
Per dozen	\$4.00	8.00	12.00	44.00

SHEEP AND CATTLE DIP HAWKEYE

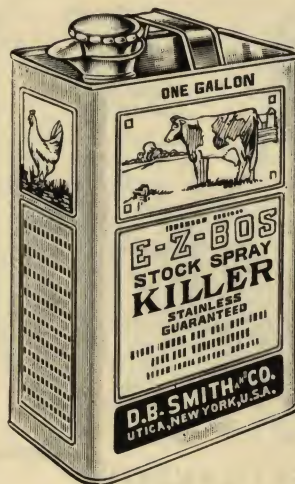
Size cans, gals	1	5	10
Per gallon	\$ Market Price		

Size Drum, gals	30	50
Per gallon	\$ Market Price	

Note—Extra charge made for 5 and 10 gallon containers, 30 and 50 gallon drums non-returnable.

STOCK SPRAYS

E-Z-BOS



Stainless transparent live stock spray containing no heavy substances. It kills quicker and repels longer, is transparent and will not taint milk, is more economical and pleasant to use. Will not discolor, burn or blister or smother the animal or person applying it.

1 Gallon Cans—Packed 12 in a case; wt. 108 lbs.	Per dozen \$19.00
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5 Gallon Cans—Wt. 41 1/2 lbs.	Per gallon \$1.50
30 Gallon Steel drums—Wt. 244 lbs.	1.26
55 Gallon Steel drums—Wt. 450 lbs.	1.16

DISINFECTANTS

"B-K" (BACILI KIL) LIQUID



The original concentrated sodium hypochlorite disinfectant and sterilizer. Preferred by dairymen, poultrymen, fur breeders and the dairy products industry.

Size container	4 oz.	10 oz.	1 qt.
No. in case	24	24	12
Wt. case, lbs.	15	35	48
Per dozen	\$4.80	8.00	14.40

Size container	1 gal.	5 gal.
No. in case	1	1
Wt. case, lbs.	17	67
Each	\$2.70	11.35

"B-K" (BACILI KIL) POWDER

For dairies and farmers who wish to make their own sterilizer and disinfectant.

One bottle makes three gallons of solution containing 3 1/2% available chlorine.

Complete instructions for mixing and directions for use with each bottle.

Size container	9 1/2 ozs.	1 3/4 lbs.
No. in case	12	12
Wt. per case, lbs.	16 1/2	42
Per dozen	\$12.00	24.00

BULL RINGS STANDARD



Polished Solid Copper

With screw driver.

Nos.	20	21	22
Diameter, in.	2	2½	3
Wire, in.	½	⅝	⅞
Wt. dozen, lbs. ...	1¾	2½	3
Per dozen	\$3.20	3.80	4.20

One in envelope, one dozen in box.

SELF-PIERCING



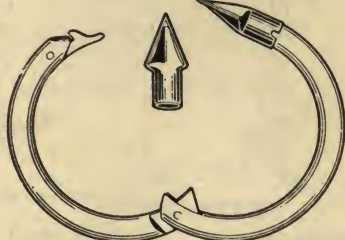
Each ring its own punch, thus accomplishing the work in one operation and lessening pain to animal.

Polished Solid Copper

With screw driver. Per dozen

No. 31—2½ in. diameter, ⅝ in. wire,	
wt. per dozen 2½ lbs.	\$3.80
Per dozen	
No. 72-Extra Heavy—3 in. diameter,	
¾ in. wire; wt. per dozen 4¼	
lbs.	\$5.00

One in envelope, one dozen in a box.



"Lock Easy", with Piercing Cap

No screws, rivets, or other parts. Cap pierces hole exact size and guides ring through hole, keeping lock clean. Makes closing easy.

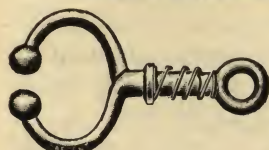
Polished Solid Copper, Steel Lock

Per dozen

No. 50—3 in. diameter, ¾ in. wire,	
wt. per dozen 4 lbs.	\$8.00

One in envelope, one dozen in a box.

CATTLE LEADERS

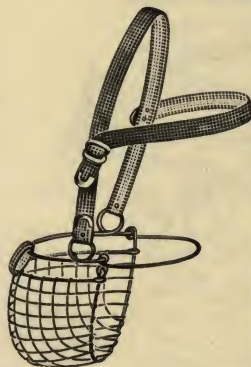


Malleable iron, bright finish, with brass wire spring. Ball tipped bows.

Nos.	51	52
Size, in.	2¼x5	3x5¼
Wt. per doz., lbs.	4½	5¼
Per dozen	\$2.70	3.00

One dozen in a box.

CALF WEANERS SHAW PERFECTED

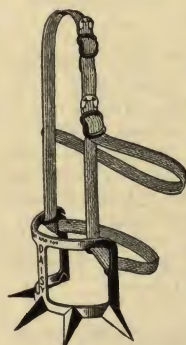


Adjustable heavy high grade web halter; heavy tinned wire basket, shaped wire muzzle. Wire nose band.

The distinctive feature of this weaner is the small flexible loop. This limits the movements of the nose basket so as to prevent sucking and permit feeding.

Nos.	S1	S2	S3
Suitable for....	calves	yearlings	cows
Size basket, in....	5x7x6	5x8x6	6x7x8
Wt. doz., lbs....	10	11	18
Per dozen	\$9.00	10.50	12.50

Nos. 1 and 2 one dozen; No. 3 one-half dozen in a box.



DAISY

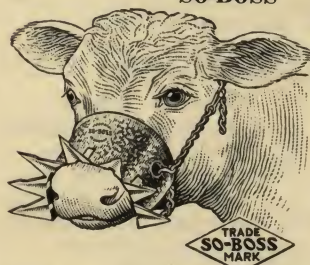
One-piece malleable casting. Prongs will not break or bend. Formed to fit above the animals nose. Adjustable to fit different sizes of animals. Heavy 6-cord web halter with throat latch and each end is steel-tipped.

Per dozen

No. 20—For large	
size animals;	
wt. per dozen 10	
lbs.	\$6.40

One-half dozen in a box.

SO-BOSS



Positively weans by discouraging the cow. Calves eat and drink freely.

No sore nose or discomfort.

Spurs and arch over

nose are stamped from one piece of galvanized steel. Chain is also one piece and the entire assembly is adjustable.

Per dozen

No. 10—Fits calves, yearlings and	
cows; wt. per dozen 12 lbs. ...	\$5.20

One-half dozen in a box.

IMPERIAL THISTLE



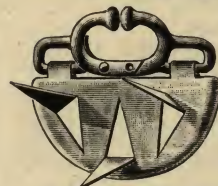
Malleable iron, tinned; adjustable ball-tipped nose ring with seven prongs.

Steel cotter fastening.

Nos.	1	2	3
Suitable for	calves	yearlings	cows
Width closed, in....	4½	6	8
Size of nose rings,			
in.	1½x7/8	17/8x7/8	2¼x1
Wt. per doz., lbs....	1¾	3	4
Per dozen	\$4.00	4.30	4.70

One dozen in a box.

CALF WEANERS ANTI-SUCK, PRONG TYPE



Ball tipped nose ring of malleable iron, locked by steel cotter pin.

High grade steel guard.

Double hinge allows calf to graze, eat or drink, yet positively prevents sucking.

Its effectiveness may be modified by dulling the prongs or by bending prongs flat.

Heavily Tinned

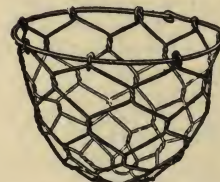
Per dozen

No. 205—For calves; wt. per doz-	
en 3¾ lbs.	\$6.50
No. 206—For cows; wt. per dozen	
5½ lbs.	8.00

One-half dozen in a box.

HORSE MUZZLES

STANDARD



Excellent for use on team when plowing corn. Keeps horses and other animals from eating or biting.

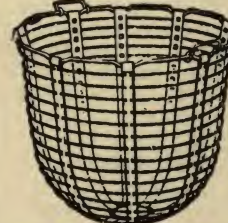
Heavy Galvanized Wire

10 in. diameter, 8½ in. deep.

Nos.	13G	16G
Gauge body wire	13	16
Gauge rim	8	11
Wt. doz., lbs.	6	3
Per dozen	\$2.70	1.80

Six dozen in a bundle.

STEADFAST



An improved Lock-rib muzzle. Substantial, durable, efficient. ¾ in. wide flat steel ribs.

Rust-Proof

Coppered Wire

Per dozen

No. 10—9½ in. diameter, 8 in. deep,	
No. 10 wire frame, No. 16 wire	
rings; wt. per doz. 11¼ lbs. ...	\$3.00

One dozen in a bundle.

NOSE GUARDS

KEEP KOOL

For Horses and Mules



Prevents the "botflies" from getting under the mouth and depositing their eggs. Suspended from the bit.

Permits complete air circulation about the mouth and is adjustable.

Galvanized Sheet Steel

Per dozen

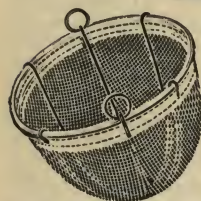
No. KK—With snaps; wt. doz. 11	
lbs.	\$4.00

One dozen in a box.

NOSE GUARDS

ACORN

Reinforced



Inside shield wired guard, retains its shape and wears longer than outside wired, also presents a smooth surface.

Rim bound with heavy leatherette with two rows of stitching, completely covering all ends of the wire cloth.

Per dozen
No. A-6—6 mesh; weight per dozen
8¼ lbs.\$5.60
Four dozen in a carton.

Hoop in Top



Flexible galvanized steel wire cloth. Wire hoop in top. Bound with leatherette with two rows of stitching.

Smooth surface. Supporting rings riveted with stout leather strap.

Per dozen
No. B-6—6 mesh; weight per dozen
6¼ lbs.\$4.40
Four dozen in a carton.

Flexible



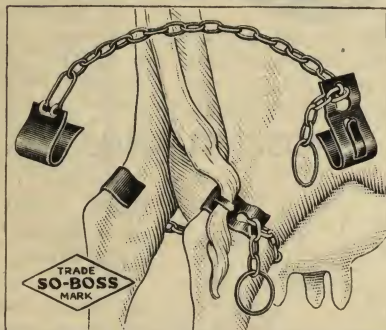
Made of galvanized steel wire cloth; rim bound with two plies of leatherette, covering all protruding ends of wire cloth.

Side rings riveted on with leather straps.

Per dozen
No. F-6—6 mesh; wt. per dozen 4
lbs.\$3.20
Four dozen in a carton.

COW HOBBLES

IMPROVED SO-BOSS



Has two flat metal hooks fitting over the tendons or cords of the cow's legs and is equipped with a clip for holding its tail.

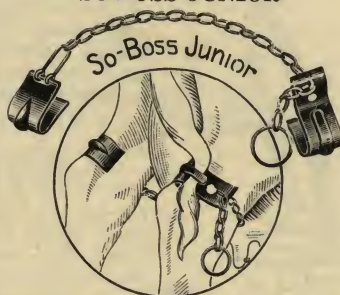
Chain made up of smooth welded links especially burnished to prevent injury to the animal. Leg hooks made from No. 10 gauge band steel.

Black Japanned Hooks; Coppered Chain

Per dozen
No. 100—1¾ in. hooks; for average size cows, weight per dozen 16
lbs.\$4.80
One-half dozen in a carton.

COW HOBBLES

SO-BOSS JUNIOR

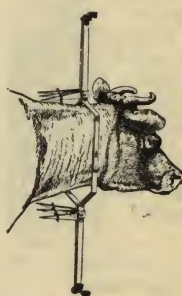


A lighter hobbles than No. 100 and with a shorter chain. With tail holder clip. Serviceable, yet low priced.

Per dozen
No. 200—With bright welded chain.\$3.50
No. 220—With coppered weldless chain 2.88
Weight per dozen 11 pounds.
One-half dozen in a carton.

ANIMAL POKES

PROD



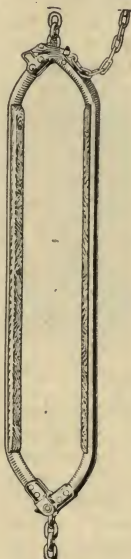
Turns most breechy animal. Unusually long. For 2-wire fence.

Hook shank is doubled full length and end of each piece is formed into a hook, that catches from any angle.

Three pointed spears, top and bottom furnish the punishment.

Per dozen
No. 2—¾x1½ in. soft steel; wt. doz-
54 lbs.\$9.60
No. 3—1x¼ in. soft steel; wt. doz-
en 102 lbs. 9.60
One-half dozen in a bundle.

STANCHIONS



LOUDEN U-BAR

Made of heavy hearth high carbon U-bar steel.

V-shaped top and bottom, eliminates possibility of cow's foot being caught between stanchion and curb.

Single chain hung and anchored. Cow-proof latch, opens with one hand. Chain guide holds open stanchion in proper position across stall front.

1½x7½x1½ in. side bars. Furnished with top and bottom chain.

Heavy gray enamel finish, baked on.

Each

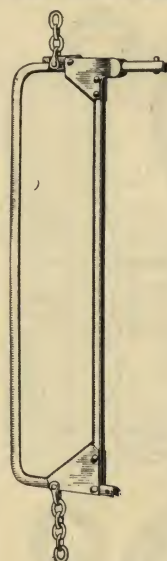
No. 862—7 in. neck width inside, plain U-bar steel with no linings; wt. each 17 lbs.\$5.00

Wood Lined

Each
No. 863—7 in. neck width inside, lined with first quality hardwood bolted to stanchion arms with cadmium plated bolts; wt. each 19 lbs.\$5.25
Open stock.

STANCHIONS

LOUDEN CLOSED-TOP ADJUSTABLE



High carbon U-bar steel frame. Swinging arm reinforced at each corner with heavy steel brace.

Single chain above and below which allows front and back movement and provides comfort to cow.

Automatic stop holds movable arm connected to stanchion top as stanchion is opened. Latch automatically catches when shut.

With top and bottom chains. Heavy gray enamel finish, baked on. Length 43 in. adjustable from 7 to 8 in neck width.

Each

No. 1442—Plain steel, with no linings; wt. each 21 lbs..\$3.40

No. 1442

Wood Lined

Each

No. 1443—As above, but with hardwood linings, bolted to stanchion arms with cadmium plated bolts; wt. each 23½ lbs.\$3.80



BELLS

KENTUCKY COW

Stamped sheet steel, brass plated, steel loop, iron clapper.

Nos.	Ht. without loop, in.	Wt. doz., lbs.	Per dozen
0	7¼	27	\$16.00
1	6¼	20	13.00
2	5½	12½	10.50
3	4¾	8	8.00
4	4¾	6	7.00
5	3½	4	6.40
6	2¾	3	5.50
7	2½	2½	4.80

Open stock.

SHEEP, ROUND

With Strap

Made from sheet steel with cast malleable iron loop; copper plated. 21 in. straps.

Per dozen

No. 05—2½ inch diam; wt. per doz. 2½ lbs.\$5.20

Open stock.



TURKEY, STRAPPED



Wrought Steel

Nickel plated. Sleigh bell pattern.

Per dozen

No. 03—Wt. per dozen 1½ lbs. \$2.00

Open stock.

HOG RINGS AND RINGERS

HILL'S IMPROVED RINGERS



Close all sizes of Hill rings. All tested and fitted with adjustable thumb screw. 6½ in. long.

Per dozen

No. CH60—Malleable iron, cadmium plated; wt. per dozen 5½ lbs. \$3.00
One dozen in a box.

HILL'S HOG RINGS



Open

Closed

Coppered steel wire, pointed sharp.

Per dozen boxes

No. 1H—Pig; wt. per dozen boxes 5 lbs.\$1.50

No. 2H—Shoat; wt. per dozen boxes 5¾ lbs. 1.50

No. 3H—Hog; wt. per dozen boxes 6½ lbs. 1.50
100 in a box, one dozen boxes in a package.

DIAMOND POINT RINGERS

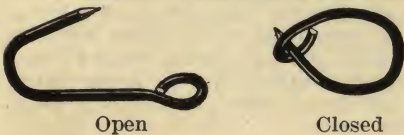


Closes all sizes of Diamond Point, Fish Hook or Perfect rings. 7 in. long over all.

Per dozen

No. CD20—Malleable iron, cadmium plated; wt. per doz. 5½ lbs.\$3.60
One dozen in a box.

DIAMOND POINT HOG RINGS



Open

Closed

Coppered steel wire, pointed sharp.

Per dozen boxes

No. 1DP—Pig; wt. per dozen boxes 6¾ lbs.\$3.00

No. 2DP—Shoat; wt. per dozen boxes 7 lbs. 3.00

No. 3DP—Hog; wt. per dozen boxes 7½ lbs. 3.00

100 in a box, one dozen boxes in a package.

The Hog Rings and Ringers as Described on this Page are All Humane and Safe to Use. They are all Time-Tested and Proven Effective.

HOG RINGS AND RINGERS

BLAIR RINGERS



Will handle all sizes of Blair rings. Adjustment screw for different size of rings 6½ in. long.

Per dozen

No. CB45—Malleable iron, cadmium plated; wt. per dozen 5½ lbs. \$3.60
One dozen in a box.

BLAIR HOG RINGS



Open

Closed

Flat coppered steel wire.

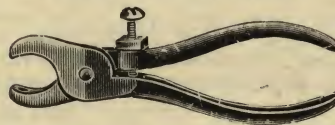
Per dozen boxes

No. 1B—Pig; wt. per dozen boxes 5 lbs.\$1.80

No. 2B—Shoat; wt. per dozen boxes 5¾ lbs. 1.80

No. 3B—Hog; wt. per dozen boxes 6½ lbs. 1.80
100 in a box, one dozen boxes in a package.

STEWART RINGERS

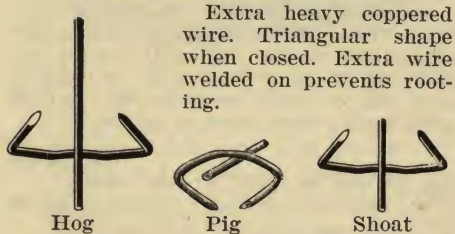


Will handle all four sizes of the Stewart hog rings and also Hill type rings. Adjusting screw equipped with lock nut holds proper adjustment. 7 in. long.

Per dozen

No. CS70—Malleable iron, japanned; weight per dozen 7½ lbs.\$4.00
One dozen in a box.

STEWART HOG RINGS



Hog

Pig

Shoat

Extra heavy coppered wire. Triangular shape when closed. Extra wire welded on prevents rooting.

Per dozen cartons

No. 1—Pig, 24 rings in a carton; wt. per dozen cartons 2¾ lbs. \$4.00

No. 2—Shoat, 20 rings in a carton; wt. per dozen cartons 2½ lbs. . 4.00

No. 3—Hog, 12 rings in a carton; wt. per dozen cartons 2½ lbs. . 4.00
One dozen cartons in a box.

Per box

No. 4—Special, bent bar, 12 rings in a carton; weight per dozen cartons 5 lbs.\$1.20

HOG RINGS AND RINGERS

HUMANE HOG RINGER



Closes Humane Rings

Per dozen

No. 35—8 in. long, finished in red and black enamel; wt. doz. 9 lbs.\$5.60
One-half dozen in a package.

HUMANE HOG RINGS



These rings are applied in the nostrils with hook end up. One ring is all that is required and absolutely stops rooting.

Coppered Wire

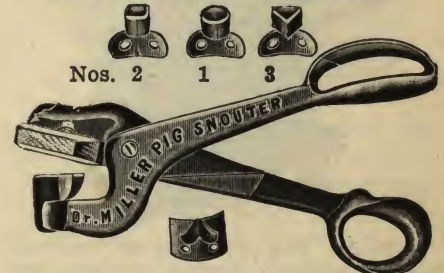
Per dozen boxes

No. 50—Hog; wt. doz. boxes 6¼ lbs.\$3.20

No. 48—Pig; wt. doz. boxes 3 lbs. ... 4.00
25 rings in box, one dozen boxes in display carton.

HOG NOSE CUTTERS

DR. MILLER'S NEVER-ROOT



Nos. 2

1

3

Malleable iron; japanned. One of the best devices of the kind on the market. It cuts out only part of the rim of the nose in a circle, allowing the ends to turn to each side and heal in a few days into small knots. This effectually prevents the hogs from rooting.

Per dozen

Dr. Miller—10¾ in. long, with 2 blades, without marking blades; wt. per dozen 18 lbs. \$24.50
One dozen in a box.

Extra Marking Blades

Per dozen

No. 1—Round\$6.00

No. 2—Square 6.00

No. 3—Triangular 6.00

One dozen in a box.

HOG SCRAPERS

V. & B.



Farmers'

No. 20 gauge sheet steel blade, walnut finish hardwood handle.

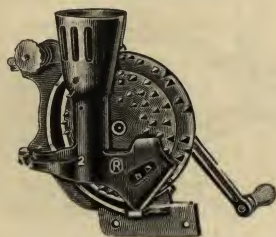
Per dozen

No. 8—4 in. dia. of blade, 5½ in. handle, 6½ in. length over all, weight per doz. 5½ lbs.\$4.00

One-half dozen in a box.

CORN SHELLERS

LITTLE GIANT



Heavy cast iron frame; black japanned. Large thumb screw adjustment. Simple and accurate.

With Pop Corn Attachment

Per dozen

No. 6—11½ in. high; 7½ in. diam. disc wheel; 8 bushels capacity per hour; weight per dozen 120 lbs.\$29.00

No. 5—Without Pop Corn Attachment; otherwise as above 27.00

Open stock.

R-H



Malleable iron with chilled bearings. Parts guaranteed against breakage and will last a life time. Finished in baked black japan, red and gold. Without attachments.

Per dozen

No. 30—Capacity 14 to 16 bushels per hour; weight per dozen 180 lbs.\$44.50

Open stock.

GRIST MILLS

RAPID



For grinding corn, wheat, rye, salt, etc. and for making table meal.

Best quality iron body, steel shaft, steel-alloy burrs. Fly-wheel runs steadily and easily.

Adjustable to coarse, medium or fine. Red and gold finish.

Each

No. 10—16 in. fly-wheel, mill 10 in. high, hopper 5 in. diam.; wt. each 25 lbs.\$6.80

Open stock.

PINE TAR

DIXIE



Used freely by corn huskers and also for medicinal curative purposes on live stock. Cooling and healing.

Made by improved, sanitary process.

Per dozen

No. 1—1 pt. cans, 48 cans in a case; wt. per dozen cans 17 lbs.\$3.00

HUSKING PINS

BOSS



"Universal" type, no leather attachments.

Nickel plated and polished heavy sheet steel. Adjustable to any size.

Per dozen

No. 2700—Wt. per dozen 1 lb.\$2.00

Two dozen in a box.



Heavy sheet steel pin, nickel plated and polished. Three compartments with lace thong adjustment. Leather parts are of good grade chrome mule-skin stock.

Per dozen

No. 2000—4½ in. pin; wt. per doz. 2 lbs.\$1.50

No. 2000B—Boy's Size, same as No. 2000, except smaller; wt. per dozen 1¼ lbs. 1.50

Three dozen in a box.



Nickel plated heavy sheet steel pin, best chrome grain leather hand protector and strap, sliding link with buckle adjustment at top of hand strap, convertible into one or two compartments, can be worn over either glove or mitten.

Per dozen

No. P—4½ in. pin; wt. per dozen 2 lbs.\$2.40

Three dozen in a box.

No. PP—Boy's Size—Same as No. P except smaller; wt. per dozen 1¼ lbs. 2.40

One dozen in a box.

Note—All Husking Pins are Right Hand. For Left Hand merely prefix letter "L".

HUSKING PINS

BOSS



Combination pin with curved forefinger guard reinforcement. Made from one piece heavy tool steel; nickel plated and polished. Chrome grain leather forefinger guard and hand strap with japanned eyelet adjustment at end. Leather hand protector of chrome mule-skin.

Per dozen

No. 2800—4¾ in. pin; 1¾ in. guard wt. per dozen 1¼ lbs.\$3.30

One dozen in a box.



Nickel plated and polished heavy steel pin with heavy chrome grain 2 in. forefinger protector.

Hand leather and strap are of best chrome tanned leather. Nickel sliding link and buckle adjustable at base of forefinger to one or two compartments and can be worn over glove or mitten.

Per dozen

No. 200—4½ in. pin; weight per dozen 1¾ lbs.\$3.50

One dozen in a box.



Forged, round tool steel pin; highly nickeled with adjustable hand strap through slots in leather guard. Strapping is detachable to make it wearable over either glove or mitten. Heavy nickel plated wire sliding sleeve. Brass thumb nut and clamp. Best grade chrome grain leather parts.

Per dozen

No. G—5 in. pin; wt. per dozen 1¼ lbs.\$5.80

One dozen in a box.



Highly nickeled round steel pin of forged tool steel; best grade chrome grain leather. Special riveted forefinger guard. Sliding sleeve and leather hand protector. Adjustable double strap and buckle with brass thumb nut and loop, solidly attached to end of pin.

Per dozen

No. B—5 in. pin; wt. per dozen 2½ lbs.\$7.00

One dozen in a box.

HOOK HUSKERS

KEES



Per dozen

No. 2—Heavy steel hook shaped to fit hand and base of thumb riveted on a heavy leather wrist band; thin shield protects leather from wear, adjustable for size, fastens with two straps and buckles; weight per dozen 2¾ lbs.\$5.20

No. 2LH—Left Hand—Otherwise same as above 5.20



Per dozen

No. 1—Similar to No. 2, but without the steel shield; wt. per dozen 2½ lbs.\$4.00

BOSS

Stationary Single Hook



Per dozen

No. 53—Curved palm plate with center palm, corrugated hook from one piece heavy sheet steel, nickel plated and buffed; muleskin leather palm, twice around the wrist and double reinforced hand strap, two straps and nickel plated buckles; weight per dozen 2 lbs.\$7.30

No. 053—Same as above but heavy chrome muleskin leather 6.50



Per dozen

No. 49—Weight per doz. 2½ lbs. ..\$7.20
All above, one dozen in a box.

HOOK HUSKERS

BOSS

Stationary Single Hook



Heavy corrugated steel hook and curved palm plate; one piece muleskin palm pad and wrist band; adjustable thumb strap; double wrist straps with plated buckles.

Per dozen

No. 64—Wt. per doz. 1¾ lbs.\$3.60
One dozen in a box.



Heavy plated sheet steel hook shield with corrugated spur and special slotted arm, curved to fit around and protect base of thumb. Nickel plated and polished curved sheet steel palm plate; one-piece chrome grain leather palm pad and double strapped wide wrist-band. Hand strap passes through metal slot, nickel plated buckles.

Per dozen

No. 50—Wt. per doz. 3 lbs.\$7.80
One dozen in a box.



Per dozen

No. 72—Metal parts same as No. 50, above; heavy chrome grain leather hand pad and wrist strap; hand strap of muleskin stock passes through metal slot, nickel plated buckles; wt. per dozen 3 lbs.\$6.00

No. 072—Same as No. 72, above, except all leather parts of chrome muleskin 5.20
One dozen in a box.

Note—All hook huskers are **Right Hand**. For left hand merely prefix letter "L".

HOOK HUSKERS

BOSS

Adjustable Single Hook



Nickel plated and curved heavy sheet steel palm plate provided with 15 holes in which a self-cleaning hook can be adjusted to many different positions; heavy muleskin palm pad and hand strap; chrome grain leather wrist band and straps, nickel plated buckles.

Per dozen

No. 59—Wt. per dozen 3 lbs.\$7.60
One dozen in a box.



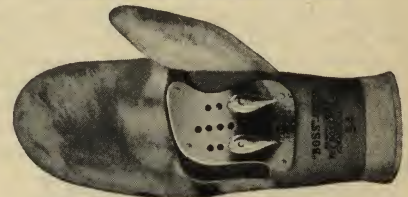
Nickel plated and curved heavy sheet steel palm plate with extension to protect base and back of thumb; corrugated heavy sheet steel hook adjustable to thumb, palm and wrist positions through slots in palm plate; chrome muleskin leather hand part and wrist strap; adjustable.

Muleskin thumb strap passes through slot in metal arm. All metal parts nickel plated and polished.

Per dozen

No. 060—Wt. per dozen 3 lbs.\$6.70
One dozen in a box.

Adjustable Double Hook



Per dozen

No. 54—Extra heavy curved sheet steel palm plate, 19 holes for adjustment, 2 malleable spur hooks, metal parts nickel plated, heavy muleskin leather palm pad, chrome grain leather double strapped wristband; weight per dozen 3¼ lbs.\$9.50

No. 054—Same as No. 54, above but with all leathers of heavy chrome muleskin 8.80
One dozen in a box.

THUMB STALLS

BOSS



With steel rivets and washer protection. One-piece good grade muleskin leather with back extending to wrist. Wrist strap with nickel plated buckle. Twin spur claw securely riveted on face of thumb.

Per dozen

No. 7333—Wt. per dozen $1\frac{1}{2}$ lbs. \$3.50

Two dozen in a box.



Thumb cot with rivet and steel washer protection. Back of thumb one-piece leather extending to wrist. Strap and buckle at wrist. Best chrome glove kip leather.

Per dozen

No. 93—Wt. per doz. $1\frac{1}{4}$ lbs.\$4.50

Two dozen in a box.



Flexible wire thumb stall, constructed of securely fastened steel body links, held together at end of thumb by hexagon wire ring. A circular connection at base of thumb contributes toward a good fitting cone-shaped stall. All of best nickel plated finish. Large enough to be worn over either glove or mitten. Two wrist straps with buckles and links are riveted to base of stall at back of thumb.

Per dozen

No. 99—Wt. per doz. $2\frac{1}{2}$ lbs.\$7.20

One dozen in a box.

**SEND US YOUR MAIL
ORDERS FOR PROMPT
AND EFFICIENT
SERVICE!**

HUSKING GLOVES

BOSS



Nickel plated pressed steel pin firmly riveted to right hand glove. Tannery run muleskin leather with two-piece back and open fingers. Riveted shields below forefinger, steel rivets and washers throughout. Adjustable back strap with plated buckle.

Per dozen pairs

No. 9 $\frac{1}{2}$ — $4\frac{1}{2}$ in. pin; wt. per doz. pairs 7 lbs.\$23.00

One-half dozen pairs in a box.

WRIST BANDS

BOSS STANDARD



Per dozen

No. 02— $2\frac{3}{4}$ in. wide selected chrome muleskin leather, twice around wrist, nickel plated buckle and link; wt. per dozen 1 pound ..\$3.60

One dozen in a box.

No. X2, $2\frac{1}{2}$ No. $3\frac{1}{4}$

Per dozen

No. X2— $2\frac{1}{2}$ in. wide; cut from good grade selected muleskin leather; two straps; plated buckles; wt. per dozen $1\frac{1}{4}$ lbs.\$2.40

No. $2\frac{1}{2}$ — $2\frac{1}{2}$ in. wide; cut from good grade selected yellow grain cowhide; two straps and plated buckles; wt. per dozen $1\frac{1}{4}$ lbs. 4.00

No. $3\frac{1}{4}$ — $3\frac{1}{4}$ in. wide; selected yellow cowhide side leather; three straps with plated buckles and links; weight per dozen $1\frac{1}{2}$ lbs. 5.20

One dozen in a box.

WORK GLOVES

BOSS



Seal brown Jersey glove. Seamed back pattern. Seal brown knit wrist to match.

Per dozen pairs

No. 9070—Men's size, medium wt...\$2.70

No. 907B—Boy's size, good weight. 2.65

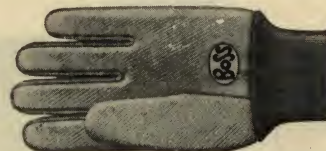
No. 403—"Jerzy"—Men's size, heavy weight 3.60



Heavy weight, seamed back Jersey gloves. Assorted colors of green mixed, blue mixed and red mixed, with knit wrists to match.

Per dozen pairs

No. 3967—Children's size, assorted colors\$2.60



Canton flannel glove. Seamed back pattern, nap in light blue knit wrist.

Per dozen pairs

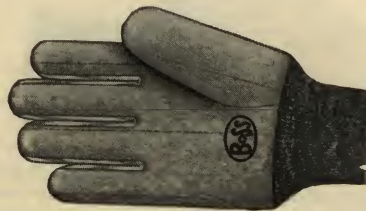
No. 831—Men's size, light weight ..\$1.90

No. 641—"Heavy"—Men's size, heavy weight 2.50

No. 641B—"Heavy"—Boy's size, heavy weight 2.45

No. 642—"Xtra Heavy"—Men's size, extra heavy weight 3.00

No. 643—"Walloper"—Men's size, exceptionally heavy weight 3.50



Heavy weight two-ply glove with outside ply of good weight brown flannel, nap out. Good weight lining. Quilted with red thread. Light blue knit wrist.

Per dozen pairs

No. 3874—Men's size, heavy weight \$3.90

All above, one dozen pairs in a bundle.

WORK GLOVES

BOSS



No. 4825

Brown nap out palm knit wrist gloves.

Single

Per dozen pairs

No. 4812—Men's size, heavy weight; Brown flannel used on palm, nap out, thumb and first finger; back of last three fingers of heavy weight canton flannel; tan knit wrist\$2.70

Double

Per dozen pairs

No. 4825—Men's size; double palm, seamed back pattern, blue striped yellow canton flannel, brown flannel face; medium heavy weight brown flannel outside ply, nap out; medium weight flannel inside ply, quilted palm; double thumb and first finger, tan knit wrist\$3.50

No. 665 "Munkeface"—Men's size, red striped green canton flannel; seamed back pattern, continuous thumb, double palm; extra heavy weight canton flannel inside ply of palm, heavy weight brown flannel outside ply with nap out; palm quilted with red thread, thumb and first finger double, tan knit wrist 4.00

RUBBERIZED

Triple coated, canton flannel, knit wrist.

Per dozen pairs

No. 555—White\$4.50

No. 565—Black 4.50



"Tu Tum"

White canton flannel, two thumb glove, nap out. Light blue knit wrist.

Per dozen pairs

No. 685—Men's size, heavy wt.\$2.90

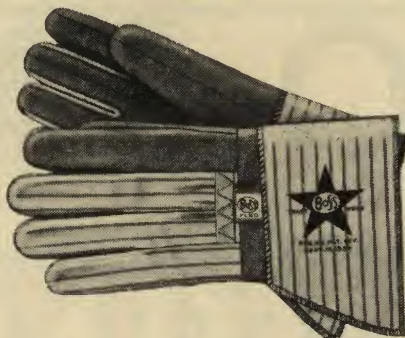
No. 685B—Boys' size, heavy wt. ... 2.85

No. 376—Men's size, extra heavy weight 4.00

All above, one dozen pairs in a bundle.

WORK GAUNTLET GLOVES

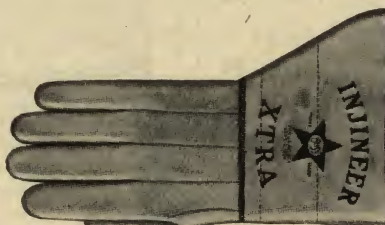
BOSS



Double

Per dozen pairs

No. 666—Men's size, very heavy weight, nap out, brown palm; palm, thumb and first finger heavily lined and quilted lengthwise, balance of back of gauntlet heavy weight red striped green canton flannel; outseamed double cuff with red star, striped elastic band across back of wrist\$4.80



Double

Per dozen pairs

No. 5265—Men's size, heavy weight canton flannel, seamed back pattern, nap in; double cuff, quilted and overcast in red, red star and words "Injineer Xtra" on cuff\$4.00

WORK MITTENS

BOSS



Per dozen pairs

No. 8790—Men's size, two-ply canton flannel; outside ply of medium weight brown, nap out, flannel, quilted to medium wt. lining, tan knit wrist\$3.70



Tikmit

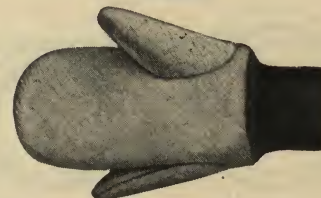
Per dozen pairs

No. 389—Men's size, black wadding and 3-ply lining, red thread, light blue knit wrist\$4.50

All above, one dozen pairs in a bundle.

WORK MITTENS

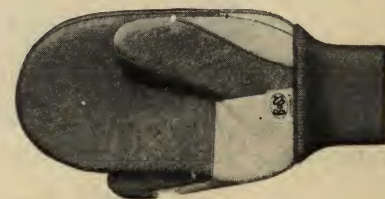
BOSS



Husky

Per dozen pairs

No. 440—Men's size, medium heavy wt. canton flannel, two thumb, nap out; inside palm and thumb patches of medium weight canton flannel, nap out; light blue knit wrist\$2.80



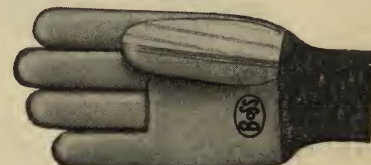
Kornmit

Per dozen pairs

No. 443—Men's size, heavy weight, nap out, two thumb; outside palm and thumb patches medium heavy weight brown flannel, nap out; red stitching, light blue knit wrist\$4.00

LEATHER PALM GLOVES

BOSS



Per dozen pairs

No. 11—Men's size, blue striped yellow canton flannel, pearl leather palm, seamed back pattern, light blue knit wrist\$4.70

BOSS GAUNTLET



Per dozen pairs

No. 11G—Men's size blue striped yellow canton flannel, pearl leather palm, seamed back pattern; single cuff, stiffened and overcast in red, printed with red star\$4.70

All above, one dozen pairs in a bundle

LEG BANDS
MOE KEY RING, COLORED



No. 91
Asiatic



No. 92
American



No. 93
Mediterranean



No. 96 Baby Chick



No. 95 Pigeon



No. 94 Bantam

Made of Celluloid, in Fast Colors

Of a proper temper, keep their shape, light in weight and very durable. Will not fade, and are weather proof.

Quickly put on and removed, and make it easy to keep an accurate register of the birds.

Colors—Pink, green, dark blue. Specify.

Poultry Sizes

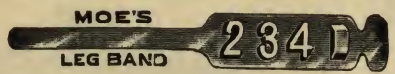
Nos.	91	92	93	94
Per 100	\$0.70	.60	.54	.50

Pigeon and Baby Chick Sizes

Nos.	95	96
Per 100	\$0.40	.40

50 bands of a size and color in a bundle.

MOE ALUMINUM



No. 130—Sheet Aluminum, Adjustable

Large raised numbers are easily read from a distance. Adjustable for any size fowl. Quickly and easily applied.

Numbered from 1 up, consecutively. 3½ in. long.

Nos.	B	C
Package numbered	1 to 25	1 to 50
Per 100	\$0.80	.80

Nos.	D	E
Package numbered	1 to 100	1 to 1000
Per 100	\$0.80	.80

POULTRY PUNCHES
MOE



A practical punch for marking baby chicks.

Punches a clean hole in the web between the toes and will not bruise the foot.

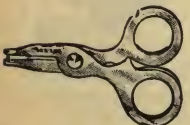
No. 38—Nickel plated; weight per dozen 5 oz.	Per dozen \$2.40
One dozen in a carton.	

MOE IDEAL

An improved Punch of the scissors type.

Marks easily, cuts clean and does not pinch the foot.

Can be carried in vest pocket.



No. 39—Nickel plated, length 3½ in., weight per dozen 12 oz.	Per dozen \$6.00
One dozen in a carton.	

POULTRY WATERERS
HENFRIEND



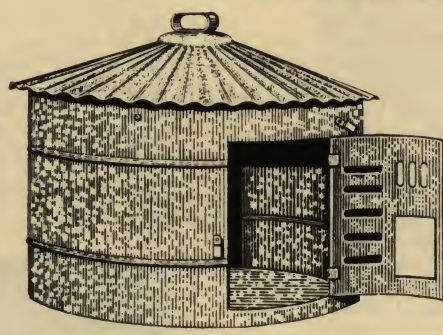
Easy to fill and carry. keeps water cool in summer and can be used as self-feeder for dry feed, shell or grit. Edges project beyond flat surface of body, forming guards of three thicknesses of metal.

Galvanized Steel Wire Bail

Nos.	3H	2H	1H
Cap., gals.	¾	1¼	2½
Size, in.	4x4x6	6x6x9	8x8x12
Wt. doz., lbs	14	32	45
Per dozen	\$4.80	8.00	12.00

One-half dozen in a crate.

BROOD COOPS
KLEIN, ROUND



Corrugated Roof

No square corners, easy to keep clean. Roof is fastened to body by two heavy pieces of strap iron bolted to sides and top.

Bottom mounted ¾ in. from ground with special openings around bottom to insure ventilation.

Corrugations around body add strength and stiffness. Hinged door locks, either opened or closed and has three door combination.

Heavy Galvanized Iron

No. 118—21 in. diameter, 18 in. high; wt. each 14½ lbs.	Per dozen \$24.00
One-half dozen in a case.	

N. S. C. SQUARE



Embossed Top

Fully ventilated, bottom sides and top. Bottom mounted ¾ in. from ground. Hinged door with locking device and sliding 3-door combination. Wide ridge roll over top slides easily.

Edges folded into deep grooves making coop strong and well braced.

Heavy Galvanized Iron

No. 120—18x24x20 in. size; wt. each 14½ lbs.	Per dozen \$19.00
One-half dozen in a case.	

RED TOP, SQUARE

Corrugated Throughout

Same in general construction as No. 120, above, but with corrugated top and side walls to make it more rigid. Ridge roll on top painted bright red, making it very attractive.

Heavy Galvanized Iron

No. 121—18x24x20 in. size; wt. each 14½ lbs.	Per dozen \$24.00
One-half dozen in a case.	

WE FEATURE



**RIGID FACTORY INSPECTION—ALWAYS THE
LEADER IN CONSTRUCTION AND DESIGN**



**A quality line of Metalware that has
stood the test for more than
a quarter of a century**



WE FEATURE



**RIGID FACTORY INSPECTION—ALWAYS THE
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MARTIN POULTRY EQUIPMENT

FEEDERS FOR BABY CHICKS AND GROWING CHICKS

ROUND CHICK FEEDER



Edges are turned over, making a perfect, smooth hole. An exclusive feature. For either feed or water.

No.	Holes	Material	Diam.	Ship. Wt. per Carton	Price
108	8	Galv. Sheet	6 in.	28 Lbs.	
110	10	Galv. Sheet	8 in.	42 Lbs.	
210	10	Charc. Tin	8 in.	39 Lbs.	

Packed $\frac{1}{2}$ Gross in Carton.

OBLONG CHICK FEEDER

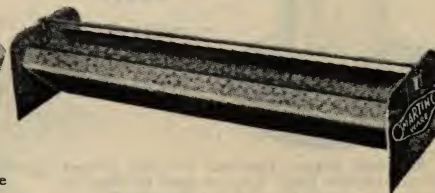


No. 71—Accommodates 40 Chicks.
No. 91—60 Chicks.
Trough has sliding top, easy to fill. One piece bottom. Smooth round edge holes. For either feed or water.

No.	Holes	Material	Size Inches	Ship. Wt. per Carton	Price
71	20	Galv. Sheet	16 $\frac{1}{2}$ x4 $\frac{3}{4}$	20 Lbs.	
91	30	Galv. Sheet	23 $\frac{1}{2}$ x4 $\frac{3}{4}$	13 Lbs.	
T71	20	Charc. Tin	16 $\frac{1}{2}$ x4 $\frac{3}{4}$	20 Lbs.	
T91	30	Charc. Tin	23 $\frac{1}{2}$ x4 $\frac{3}{4}$	13 Lbs.	

No. 71 and T71—Packed 2 Dozen in Carton.
No. 91 and T91—Packed 1 Dozen in Carton.

OPEN CHICK FEEDER



A practical Feeding Trough for baby chicks. Made of heavy galvanized sheets. Wire guard top. For either feed or water.

No.	Lgth.	No. in Pkg.	Shp. Wt.	Price
18	18"	1 Doz.	15 Lbs.	
28	28"	1 Doz.	20 Lbs.	

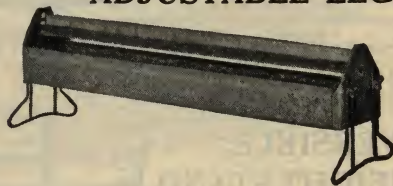
Z-REEL CHICK FEEDER



Trough is stamped of one piece heavy galvanized steel. Usable for either feed or water. Flanges folded, no sharp edges. Revolving Metal Z-Shaped Reel to prevent chicks from roosting or getting into trough. Trough is 1 $\frac{1}{2}$ inches deep, bottom 2 $\frac{1}{2}$ inches wide, top 3 $\frac{1}{2}$ inches wide. Made in 3 lengths. Priced very reasonably.

No.	Material	Length	Packed in a Carton	Ship. Wt. per Cart.	Price
10Z	Galv. Sheet	10 Inches	3 Dozen	27 Lbs.	
16Z	Galv. Sheet	16 Inches	2 Dozen	30 Lbs.	
22Z	Galv. Sheet	22 Inches	2 Dozen	40 Lbs.	

REEL TOP CHICK FEEDER WITH ADJUSTABLE LEGS



This feeder is the same as at the right but is equipped with wire legs, adjustable to 3 $\frac{1}{2}$ in. from floor. Use charcoal tin feeder for buttermilk.

No.	Material	Size	Ship. Wt. Doz.	Price
24A	Galv. Sheet	4"x24"	30 Lbs.	
29A	Galv. Sheet	4"x36"	40 Lbs.	
30A	Galv. Sheet	4"x48"	50 Lbs.	
25A	Charc. Tin	4"x24"	28 Lbs.	

Packed 1 Dozen in Carton.

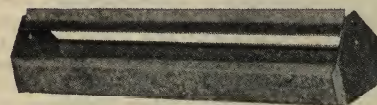
CAPACITY CHICK FEEDER



No. 430 accommodates 125 chicks. No. 450 200 chicks.
A standard large capacity Chick Feeder made of heavy galvanized sheets. Smooth holes. Will not clog or waste feed.

No.	Capacity	Size Lgth.-Width	Packed in a Carton	Ship. Wt. per Cart.	Price
430	30 Hole 10 Qts. Feed	21 $\frac{1}{4}$ "x8 $\frac{3}{8}$ "	6 Feeders	25 Lbs.	
450	50 Hole 17 Qts. Feed	34 $\frac{1}{2}$ "x8 $\frac{3}{8}$ "	1 Feeder	7 Lbs.	

REEL TOP CHICK FEEDER



Large trough with wide lip to prevent feed waste. Revolving metal rail with four wings adjustable to three heights. Use No. 25 Tin-Feeder for Buttermilk.

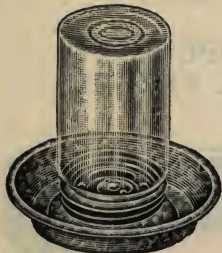
No.	Material	Size	Ship. Wt. Doz.	Price
24	Galv. Sheet	4"x24"	27 Lbs.	
29	Galv. Sheet	4"x36"	37 Lbs.	
30	Galv. Sheet	4"x48"	48 Lbs.	
25	Charcoal Tin	4"x24"	25 Lbs.	

Packed 1 Dozen in Carton.



MARTIN POULTRY EQUIPMENT

FOUNTS FOR BABY CHICKS AND GROWING CHICKS

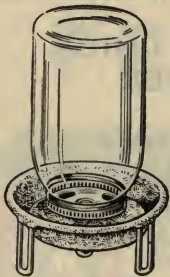


MASON
JAR
CHICK
FOUNT

Standard Mason Jars can be used. (Prices do not include jars). Can be used for feed or water. Use No. 7P or 9P for Buttermilk.

No.	Cap.	Grade	Shp. Wt. per Cart.	Price
5P	1 Qt.	Galv. Iron	11 Lbs.	
7P	1 Qt.	Japanned	11 Lbs.	
9P	1 Qt.	Vitreous En.	11 Lbs.	

Packed 3 Dozen in Carton.



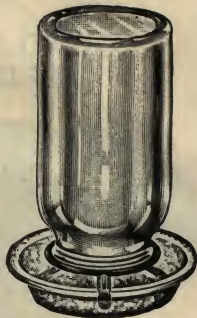
MASON
JAR
FOUNT
PAN WITH
LEGS

A practical improvement, the legs lift pan off the ground, adding to sanitation.

No.	Cap.	Grade	Shp. Wt. per Cart.	Price
5PS	1 Qt.	Galv. Steel	23 Lbs.	
7PS	1 Qt.	Japanned	23 Lbs.	

Packed 3 Dozen in Carton.

GLASS
PAN
MASON
JAR
FOUNT



Heavy molded glass saucer, 6 in. diameter, smooth edge. Mason jar screws into detachable metal clip which is held firmly in position but can be quickly removed for cleaning. Ideal for buttermilk or medicated water. Mason jar not included.

No.	Shp. Wt. per Carton	Price
8P	25 Lbs.	

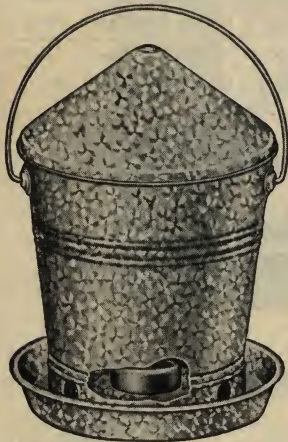
Packed 3 Dozen in Carton.

LOCK-PAN
FOUNT

This low priced fountain operates on the vacuum principle. A new smoothly operating lock holds the pan to the pail. Pan cannot drop off when carrying, but is easily removed for refilling. Handle folds down flat. Galvanized steel; easy to clean. Smooth rolled edges. Can be purchased with reversible, two-height stand.



No.	Cap.	Packed	Shp. Wt.	Price
1PW	1 Gal.	1 Doz.	29 Lbs.	
2PW	2 Gal.	1/2 Doz.	19 Lbs.	
3PW	3 Gal.	1/3 Doz.	23 Lbs.	



FLOAT-VALVE
PAIL FOUNT

A new type fount as easy to handle and to clean as an ordinary water pail. Made of heavy steel, galvanized after making. Regular carrying pail fastened with lugs. Sanitary, removable drinking pan. Non-roostable cover with handle. Double-acting float valve closes when fount is lifted from pan, opens when fount is placed on pan. Can be purchased with reversible two-height stand.

No.	Capacity	Packed	Shp. Wt. per Carton	Price
212P	3 Gals.	1/4 Doz. in Carton	15 Lbs.	
220P	5 Gals.	1/4 Doz. in Carton	27 Lbs.	

DOUBLE-WALL
VACUUM FOUNT

Top-Fill Founts controlled by vacuum. Easy to fill or clean. New lock-device keeps outer jacket to fount. Non-roostable cone top with carrying handle. Galvanized steel—can be purchased with reversible, two-height stand.



No.	Capacity	Packed	Shp. Wt. per Carton	Price
52P	2 Gals.	1/2 Doz. in Carton	27 Lbs.	
53P	3 Gals.	1/2 Doz. in Carton	30 Lbs.	

REVERSIBLE,
TWO-HEIGHT STAND

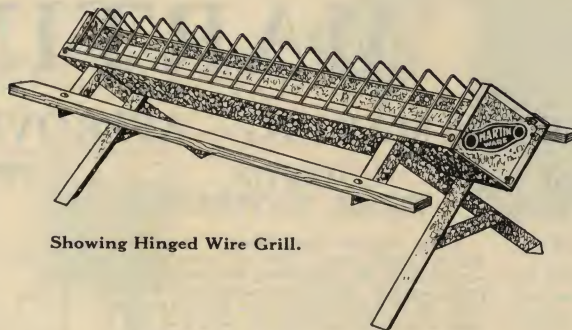


An extra heavy band iron three-legged stand, reversible to two heights for growing chicks. Keeps Founts out of litter adding to sanitation.

No. 11P—to fit Nos. 1PW, 2PW, 3PW, 52P, 53P.
Packed 1 Dozen in Carton. Ship. Wt. 9 Lbs.
No. 21P—to fit No. 212P.
Packed 1 Dozen in Carton. Ship. Wt. 13 Lbs.
No. 31P—to fit No. 220P.
Packed 1 Dozen in Carton. Ship. Wt. 17 Lbs.



Mammoth Poultry Feeders



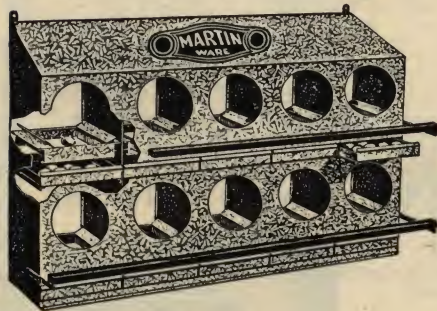
Showing Hinged Wire Grill.

Made of heavy galvanized steel. Furnished with non-roost revolving rail which can be removed for easy cleaning. Also furnished with sturdy non-roost wire grill guard, hinged to feeder. Sanitary, strong and rigid. Suitable for dry mash, whole grain, all kinds of green feeds, grit, charcoal, oyster

shells, etc. Made in 36 in. and 55 in. lengths. Has large capacity V-shaped body, making it possible for chickens to empty entire contents of feeder before refilling. Turned up flange prevents waste of feed. Nothing on the market to compare in price and quality.

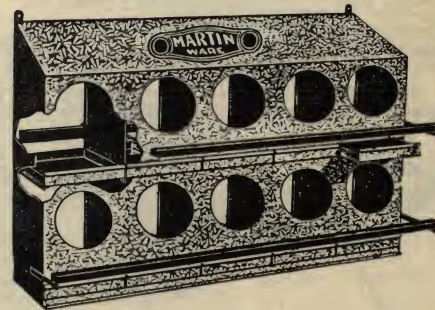
No.	Size	Equipment	No. in Pkg.	Shpg. Wt.	Price
936P	9x36	High Legs Top Rail	1	14 Lbs.	
960P	9x55	High Legs Top Rail	1	18 Lbs.	
936PW	9x36	High Legs Wire Grill	1	15 Lbs.	
960PW	9x55	High Legs Wire Grill	1	19 Lbs.	

Martin Sanitary Hens Nests



Hens Nest

Provide vermin free, roomy and well-ventilated laying nests for the poultry house. Made of heavy galvanized sheets. Nests are equipped with non-roost sloping roof, heavy loops for hanging and smooth sanitary perch rails. Perch rails hinged for raising to prevent roosting in nest or on the perch itself.



Hens Nest without the Egg Collecting.

Egg Collecting Model provides each individual nest with a fixture which allows egg to roll free into a screen bottom drawer under nest where eggs can be collected without disturbing a hen on the nest. Nest egg fastened to bottom of nest but is movable for adjustment by hen.

Plain Nest Model provides an all steel drawer tray that can be removed for cleaning. Nest compartments are 14½ inches high, 12x13 inches in width and have 9 inch diameter round hole opening. Nests easy to assemble.

No.	Cap.	Hgt.	Lgth.	Shpg. Wt.	Price
626	6 Units	36"	3 Ft.	50 Lbs.	
1026	10 Units	36"	5 Ft.	80 Lbs.	

Shipped K. D. one in crate.

No.	Cap.	Hgt.	Lgth.	Shpg. Wt.	Price
628	6 Units	36"	3 Ft.	35 Lbs.	
1028	10 Units	36"	5 Ft.	60 Lbs.	

Shipped K. D. one in crate.



FLOCK WATERERS *by* MARTIN



GALVANIZED AFTER MAKING -- APPROVED PRINCIPLES

DOUBLE WALL VACUUM CONTROLLED FOUNTS



Double Wall Top-fill Fountains are controlled by vacuum, with simple brass spring valve to stop flow for refilling.

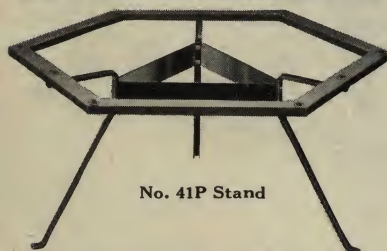
Double Wall Vacuum Controlled Founts

No.	Capacity	Packed	Shpg. Wt.	Price
55P	5 gal.	1 in Carton	11 Lbs.	
58P	8 gal.	1 in Carton	15 Lbs.	

Double Wall Founts with Lamp and Base

No.	Capacity	Packed	Shpg. Wt.	Price
55PL	5 Gal.	1 in Carton	17 Lbs.	
58PL	8 Gal.	1 in Carton	21 Lbs.	

Stands for Waterers Sold Separately STANDS FOR WATERERS



No. 41P Stand

Flock Waterer Stands are sturdily constructed with heavy channel steel base and wood perches. Wood perches are smooth, sanitary, and painted an attractive red color. Stand makes a suitable base for all flock waterers, both with and without heater base. Keeps waterers away from litter and allows greater freedom in poultry house.

No.	Capacity	Packed	Shpg. Wt.	Price
41P		1 in Carton	17 Lbs.	

MARTIN FLOCK WATERERS

Every Martin Flock Waterer is made of heavy gauge steel, with all joints securely seamed and edges rolled for reinforcement, and every waterer is hand-dipped in pure molten zinc after fabrication. This galvanizing process is without question the best that can be used for containers holding water. Bodies are given a protective coating many times heavier than can be obtained in any other way. Added to the brighter and better appearance, more important still is the fact that "galvanizing after making" means that all seams and joints are filled with zinc and all edges well covered with a uniform coating that cannot peel or rust. This important step in the manufacture of Martin poultry waterers means longer life, greater sanitation, and, therefore big savings to all users.

All Martin Flock Waterers are top-fill with good sized drinking pan all the way around. All fountains made with cone top which are absolutely roost-proof, promoting cleanliness and chicken health. Convenient inside carrying handle on 5 gal. size. For an ideal combination, all flock waterers should be equipped with stands and heaters. For winter use, lamp heated waterers will prevent freezing, giving the flock the right amount of water at correct temperatures.

INSULATED FOUNTAIN



Double Wall, heavily (one inch) insulated against extreme weather conditions. Insulation extends entirely around water. Vacuum controlled water flow. Make of tite-coat galvanized sheets, soldered and tested.

No.	Capacity	Packed	Shpg. Wt.	Price
66P	3 Gal.	1 in Carton	18 Lbs.	
77P	8 Gal.	1 in Carton	26 Lbs.	

TOP-FILL FLOAT VALVE FOUNTAINS



Float Valve Fountains are controlled by improved float valve which insures the correct amount of water in drinking pan at all times. Valve parts all of brass—easy to clean.

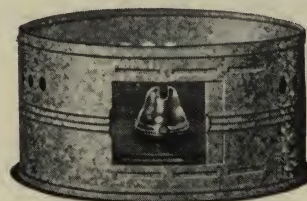
Top Fill Float Valve Fountains

No.	Capacity	Packed	Shpg. Wt.	Price
45P	5 Gal.	1 in Carton	10 Lbs.	
48P	8 Gal.	1 in Carton	11 Lbs.	

Float Valve Fountains with Lamp and Base

No.	Capacity	Packed	Shpg. Wt.	Price
45PL	5 Gal.	1 in Carton	16 Lbs.	
48PL	8 Gal.	1 in Carton	17 Lbs.	

LAMP BASE FOR HEATED WATERERS



Lamp & Base No. 39P

The sub-base for lamp heated waterers makes an absolutely safe housing for lamp. Lamp is equipped with eleven pint fuel tank, standard chimneyless burner and felt wick.

No.	Capacity	Packed	Shpg. Wt.	Price
39P		1 in Carton	11 Lbs.	

BROODERS

MARTIN DISTILLATE

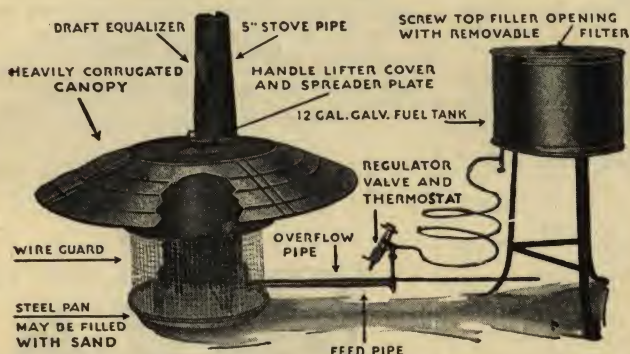
Developed to meet the demand of poultrymen for a better, more dependable and more economical chick brooder.

Nothing has been overlooked in the construction and designing of these models.

Large fuel tank with filter, screw cap and shut-off valve, flexible copper feed line, fully automatic valve, cast iron burner, overflow pipe with support, service tees for cleaning, steel flame spreader plate hung from cover (carbon cannot collect on this plate.)

Heavy blued steel stove drum gets full value from fuel, draft regulator in smoke pipe, heavy, galvanized canopy. Wire guard protects chicks, floor pan for sand or water.

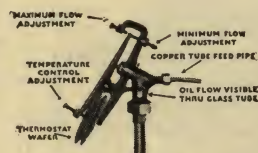
Without canopy the Martin stove makes an excellent heater for garages, cottages, cabins, etc., with no fire hazard.



Fully automatic controls. Does not smoke or clog. Maintains correct temperature. Fuel tank holds 12 gallons, enough for about one week under ordinary conditions. **Stand for fuel tank not included.**

Nos.	Canopy, in.	Drum size, in.	Hgt., in.	Ship. wt., lbs.	Each
40D	Stove only	20 $\frac{3}{4}$ x 7	22 $\frac{1}{2}$	61	\$18.00
342D	42	20 $\frac{3}{4}$ x 7	22 $\frac{1}{2}$	72	21.20
352D	52	20 $\frac{3}{4}$ x 7	22 $\frac{1}{2}$	80	22.00
60D	Stove only	20 $\frac{3}{4}$ x 9	25 $\frac{1}{2}$	75	21.20
552D	52	20 $\frac{3}{4}$ x 9	25 $\frac{1}{2}$	93	25.20
562D	62	20 $\frac{3}{4}$ x 9	25 $\frac{1}{2}$	104	26.70

Packed in two cartons.



Detail of regulator valve

Reflector Type

Same as the standard brooder above, except for canopy which covers top of stove. Difference of canopy construction is shown by illustrations.

Nos.	Canopy, in.	Drum size, in.	Hgt., in.	Ship. wt., lbs.	Each
705D	32	20 $\frac{3}{4}$ x 7	22 $\frac{1}{2}$	70	\$18.00
805D	32	20 $\frac{3}{4}$ x 9	25 $\frac{1}{2}$	88	24.00

Packed in two cartons.

BROODERS

ZEPHYR, OIL



Automatic

Safe, dependable, quiet and economical.

Special baffle plate mounted in brooder retards heat travel and permits it to be radiated out into the room, giving an indirect outlet for burned gases, reducing stack temperature and adding to its efficiency.

Hexagonal shaped canopy stamped from heavy sheets of galvanized iron, embossed for added strength and rigidity.

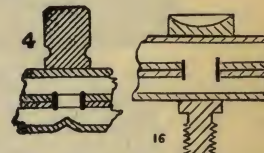
Heavy blued steel heater 18 in. diameter x 14 in. deep. Easy clean burner. One-piece oil ring or burner covered with flame spreader. 9 gallon capacity tank may be mounted inside or outside. 5 ft. of flexible copper tubing furnished. Clean-easy handle facilitates daily cleaning of burner. No wicks used. Automatic regulation. Heavy wire screen guard around base with 2 in. sand ring on bottom.

Nos.	Z30	Z46	Z56
Canopy, in.	30	46	56
Shipping wt., lbs.	51	55	60
Each	\$18.00	20.60	22.40

Packed in two cartons.

WAFER THERMOSTATS

OAKES STURDY-BOY



Made of dense rolled spring brass, corrugated to add power. Springy and quick acting. Highest quality pure chemical liquids used.

Hand soldered, tested and cleaned. Non-corrosive.

Per dozen
No. 4—3 in. double; $\frac{1}{2}$ in. stud; wt. each $\frac{1}{4}$ lb., one dozen in a display carton\$4.00

Fits following coal brooders; Oakes, Starline, Buckeye, Dandy, National, Brower, Red-Head, Macomb, Hudson, Royal, Reliable, Moes, Eureka, Queen, Automatic, New Idea, Climax, Klondike, Miller, Regal, etc.

Per dozen
No. 16—3 in. double, $\frac{1}{8}$ in., 32 thread screw stud, $\frac{3}{8}$ in. concave button connections\$4.00

Fits following oil brooders; Oakes Sturdy-Boy and Red-Knight, Macomb, National, Miller, Buckeye, Hudson, Nu-air, Moes, Rite Heat, Dandy, Brower, etc.

One in a box.

SUGAR KETTLES
NEW STYLE



Best Grade Cast Iron, Smoothly Finished
Japanned outside; with bail.

Nos.	20	25	30
Usual rating, gals....	20	25	30
Actual cap., gals....	15 1/8	20 3/8	25 7/8
Width inside, in....	20 1/4	23 3/8	25
Depth inside, in....	13 1/4	14 1/2	15 1/2
Weight each, lbs....	42 3/4	56 1/2	73
Each	\$8.50	11.00	14.50
Nos.	35	40	
Usual rating, gals....	35	40	
Actual cap., gals....	29 7/8	35 3/8	
Width inside, in....	26 1/4	27 3/4	
Depth inside, in....	16 5/8	18 1/8	
Weight each, lbs....	87	102 1/2	
Each	\$16.50	20.00	

Open stock.

FEED COOKERS
HUDSON



Jacket made of 16 gauge steel reinforced at bottom with heavy steel channel. Door and frame are made of grey iron, closely fitted.
Kettle is made of best grey iron, fine grained and smooth on the inside. Fitted with lugs on the rim so it can be removed from jacket if desired.

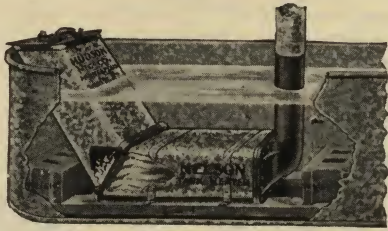
Nos.	1	2	3
Circumference, in...	84	94	98
Rated capacity, gals.	30	40	50
Actual cap., gals...	24	36	42
Weight each, lbs...	175	210	235
Each	\$22.70	25.00	26.20
Nos.	4	5	6
Circumference, in...	108	114	120
Rated cap., gals....	60	70	80
Actual cap., gals...	54	63	72
Weight each, lbs...	268	300	325
Each	\$28.80	34.00	38.00

Open stock.

Extras for Above

Coal Grate	Each \$8.00
Smoke Pipe and Elbow.....	1.20
Stamper .....	.40
Note—Feed Cookers shipped from Minneapolis.	

TANK HEATERS
NELSON SUBMERGED



Double locked seams and asbestos packed; no solder or welded joints. Cast iron smoke pipe is located so as to assure perfect draft and eliminate stagnant air pockets. Burns straw, corn cobs, rubbish, coal or wood. Basket grate removed through feed door and holds fire while ashes are easily removed. Room beneath for circulation of heated water.

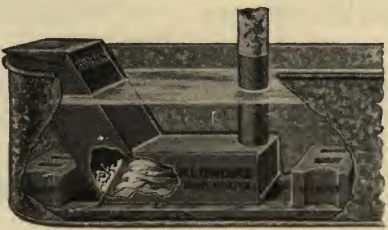
All heaters are equipped with ash shovel, two lengths stove pipe and hold-down lugs for fastening heater in tank.

Heavy Gauge Galvanized Steel and Cast Iron

- No. 56—Without grate, 48 in. long; 15 in. wide; 26 in. high.....\$19.70
No. 58—With grate, otherwise same as No. 56; weight each 95 lbs.. 22.30

Open stock.

KLONDIKE SUBMERGED



One-piece construction, submerged type; seams are acetylene welded by a special process. Cut shows method of anchoring the heater to provide circulation of water underneath combustion chamber. Will burn any kind of fuel from corn cobs to hard coal.

For coal a basket grate is required.

Equipped with ash shovel, spark arrestor, two lengths galvanized stove pipe and hold-down lugs.

14 Gauge Blue Annealed Copper Bearing Sheet Steel

- No. 1—Without grate\$12.90
No. 2—With grate, 42 in. long; 12 in. wide; 25 in. high; weight each 75 lbs..... 15.40

Open stock.

EXTRA GRATES FOR TANK HEATER

For Use With Nelson or Klondike

For coal, a basket grate is required. For wood or other fuel, a grate is not needed, but is desirable.

- No. 10A—New style grate.....\$2.50

Open stock.

TANK HEATERS
ZERO



Just right for small tanks.

Body made of heavy galvanized sheet steel. Top extra heavy pressed steel heavily ribbed and unbreakable, conveniently hinged in center to open widely and receive large chunks of wood or coal.

Provided with adjustable draft opening.

Heavy gray iron grate in two sections. Grate and draft pipe may be taken out through top.

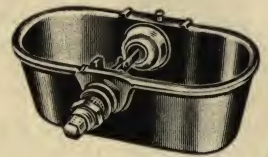
Complete with shovel, one length of pipe, spark arrestor and hold-down lugs.

Galvanized Body

- No. 5—15 in. diameter, 24 in. high; weight each 40 lbs.....\$9.00

Open stock.

HOG WATERERS
NEW DAISY

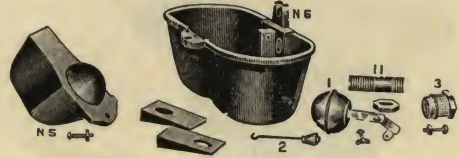


No Pressure Valve

Asphalt aluminum painted bowl; bright orange cover. Best grade grey iron bowl cast from new pig iron. Brass float is attached to the two-piece adjustable brass valve lever. Adjustable from outside. Cork shaped, soft rubber valve housed in a clog-proof strainer and seated in machined brass is positive in action. Brass valve seat. All working parts are protected in special housing in the bowl. Furnished with mud cups. To be used on barrel or tank that has no pressure on the water.

- No. 30—Drinking bowl 13 in. long; 6 in. wide; 4 1/2 in. deep; weight each 15 lbs.....\$3.70
One in a box.

REPAIR PARTS FOR No. 30 HOG WATERER

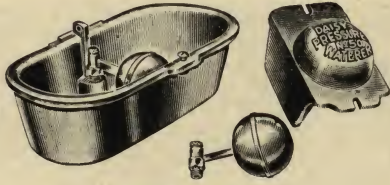


- No. 1—Float and lever complete..\$0.50
No. 2—Valve and stem complete.. .30
No. 3—Brass strainer30
No. 11—Nipple with brass valve seat .45
No. 19—Rubber valve cork only.... .15
No. 20—Mud cups; keep hogs from rooting in water and permit easy cleaning of the bowl...Per pair .45

Note—Other parts can be furnished direct from factory.

HOG WATERERS

NEW DAISY



High Pressure

Asphalt aluminum painted bowl; bright orange cover. Grey iron bowl, guaranteed to work perfectly on any water pressure from 5 lbs. on up to 60 lbs. It is equipped with a strictly high pressure valve made entirely of brass. Brass float is 3½ in. in diameter with a simple screw adjustment to regulate the float to any water level desired in the drinking bowl. Inlet is tapped with a ¼ in. standard pipe thread. Furnished with mud cups.

Each
No. 50—Drinking bowl 16 in. long,
7 in. wide, 5 in. deep; weight
each 25 lbs.....\$6.30

One in a box.

HEATER ATTACHMENTS

NEW DAISY



Grey iron box; placed directly under the waterer where it gives a hot-spot heat that gets results.

Carries the heat to every part even back to the nipple and valve. The oil reservoir is made of lead coated iron and holds about 30 hours supply of kerosene. For constant burning fill reservoir daily. The burner is chimneyless, made of brass. Burner has air circulation through slots.

Intake air passes through openings in door; exhaust passes through vents at each end of heater box.

For No. 30 Waterer

Each
No. 34—Weight each 34 lbs.....\$5.80

One in a box.



For No. 50 Waterer

Similar to No. 34, except larger and heavier.

Connected either to a horizontal extension pipe or to a down pipe through the heat chamber, as desired.

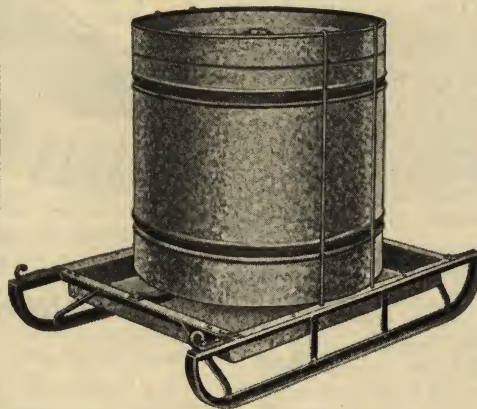
Use the street elbow that comes with the heater box to connect the down pipe on the No. 50 waterer.

Each
No. 44-54—Weight each 40 lbs.....\$8.00

One in a box.

PORTABLE HOG WATERERS

MIT-SHEL, SUMMER



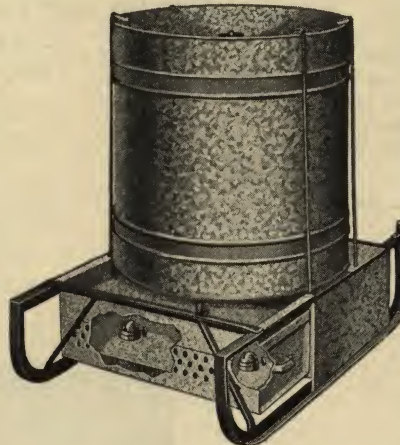
Automatic, Mounted on Skids

Water tank made of heavy non-rusting galvanized steel. Tank body of 24 gauge; top, bottom and drinking pan of heavy 20 gauge. Top of tank made like funnel, easily filled, with large filler plug and gasket. Mounted upon heavy tee and angle iron skid, cross braced and riveted. Tank is securely fastened by four rods to skid. Pan easily removed for cleaning.

Each
No. 22-35—Capacity 100 gallons;
height over all 43 in., diam. 29
in., skids 48 in. long; weight
each 100 lbs.....\$25.00

Open stock.

MIT-SHEL, HEATED



Automatic, Mounted on Skids

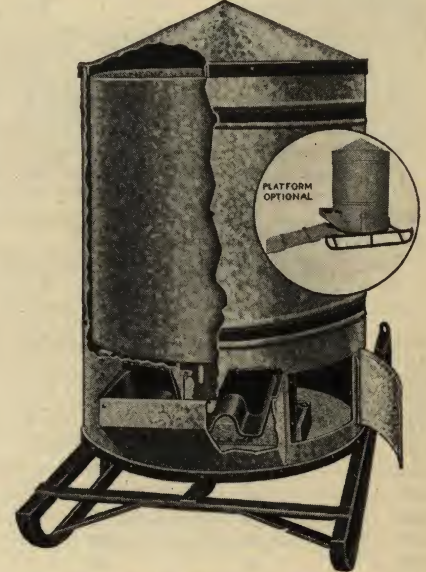
Body of tank 24 gauge galvanized steel, top and bottom 20 gauge, drinking pan 20 gauge. Mounted upon heavy tee and angle iron skids. Heated with two large No. 2 Zenith Burners with red felt wicks. Extra large oil bowl with capacity for five to seven days operation. Drinking pan located at one end with lamp bowl just underneath, all encased. Removable metal ends so tank and skid can be easily moved.

Each
No. 21-40—Capacity 85 gals.; height
over all 41 in., diam. 21 in.,
skids 45 in. long; weight each
120 lbs.\$30.00

Open stock.

PORTABLE HOG WATERERS

MIT-SHEL NON-FREEZE, HEATED



Automatic, Mounted on Skids

Keeps water warm in all temperatures. Burner is located beneath drinking trough and tank. Small hole in top for escaping of air.

Drum reinforced at bottom with band iron riveted on. Double seamed ends on inner tank. Large brass filler plug with gasket. Tank easily filled. Heavy cast iron drinking trough will not rust out and is entirely enclosed.

Double walls with ¾ in. space for circulation of warm air 20 and 24 gauge galvanized steel used throughout. Cone top. Reinforced with band iron. Tee and angle iron skids. One gallon capacity kerosene tank.

Each
No. 22-68—Cap. 70 gals., height over
all 54 in., tank 47x30 in., 48 in.
skids; weight 175 lbs.....\$45.00



Each
No. 21-29—Identical with above except without skids or bottom in outer jacket; height over all 48 in., height to top of tank 40 in., diameter 30 in.; weight each 125 lbs.\$33.00

All above, open stock.

NOTE—Goods Marked ® Not Carried in Stock, but Shipped Direct from Factory, Quincy, Ill.

HOG TROUGHS

N. W. SEAMLESS

No Seams, No Solder

Stamped from one solid piece of heavy galvanized rust-resisting steel which forms body and ends of trough. No seams to be broken.

Deep corrugations built into ends of trough allow for expansion and contraction in freezing and thawing. Ends of trough flare out. Outer foot pressed from one solid piece and embossed with channel top, entirely covers corrugations on inner end. Outer foot is securely riveted to top of trough and also to bottom.

Heavy galvanized cross bars riveted to top of trough every 12 in. give added reinforcement.

All sizes 12½ in. wide x 5 in. deep.

Nos.	Length, ft.	Ga. material No.	Ship. wt., lbs.	Each
018	1½	24	5	\$0.60
024	2	24	6½	.76
022	2	22	7	.80
015	1½	20	6	.70
020	2	20	7½	.90
030	3	20	10	1.20
040	4	20	12½	1.60
050	5	20	16	2.00
060	6	20	19	2.40
080	8	20	23	3.20
010	10	20	29	4.00

Open stock.

ANGLE BOUND



Triple Fold Angle Top

Entire trough built of 20 gauge rust-resisting steel. Ends flanged, riveted and soldered. Rigid construction throughout. Ideal watering trough for calves, goats, sheep or other small animals in addition to hogs, and may be mounted on a stand or frame as a watering trough for horses and cattle.

Triple fold angle top, angle iron stand, cross bars every 3 ft. All sizes 14 in. wide x 7 in. deep.

Nos.	Length, ft.	Ga. material No.	Ship. wt., lbs.	Each
897	2	20	20	\$3.80
899	4	20	30	5.60
900	6	20	40	7.40
902	8	20	50	9.20
903	10	20	60	11.00

Open stock.

HOG FEEDING PANS

MARTIN



Seamless, Nestable

22 gauge steel, galvanized after making. Smooth rolled edge.

Per dozen

No. M22—15½x3¾ in.; wt. per dozen 40 lbs.\$7.50

One dozen in a carton.

One-Piece Corrugated

Stamped of 26 ga. tight coat galvanized steel sheets. Smooth cut edges.

Per dozen

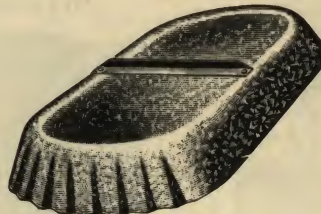
No. 261C—15x3¾ in. wt. per doz. 27 lbs..\$4.00

One dozen in a bundle.



HOG FEEDING PANS

NEIO PRESSED



Pressed from a single piece of steel and producing a perfectly smooth bowl with a corrugated apron supporting base. No solder nor rivets, no cracks nor crevices to accumulate dirt and breed disease germs. Easy to keep clean. No opening for the hog to get a nose hold.

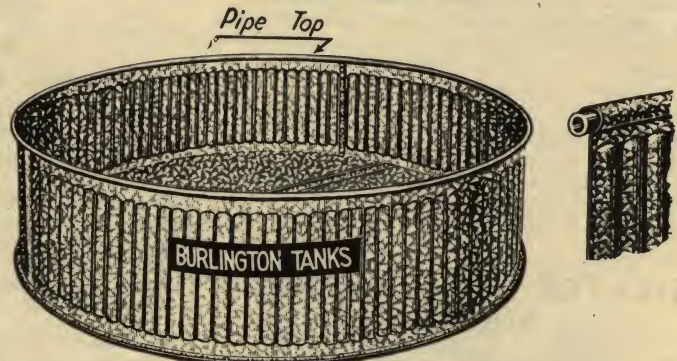
Per dozen

Neio—12 inches wide; 4½ inches deep; 24 in. long; wt. per dozen 77 lbs.\$17.20

One dozen troughs in a nest.

ROUND CORRUGATED TANKS

PIPE TOP



Elastic Packed Seam

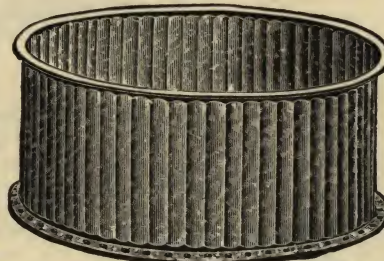
The same general construction is used in these round end corrugated tanks with Pipe Top as is fully described on the next page with the round end corrugated tanks. Each tank has corrugated sides, and has full three-quarter inch pipe rolled into the top. Elastic packed seams used throughout.

Full 20 Gauge Galvanized Iron

Nos.	Width, ft.	Height, ft.	Cap. bbls.	Each
RP 32	3	2	3	\$12.30
RP352	3½	2	4	14.00
RP 42	4	2	5	15.80
RP452	4½	2	7	17.70
RP 52	5	2	8½	20.00
RP552	5½	2	10½	22.50
RP 62	6	2	12½	25.50
RP652	6½	2	14¾	28.80
RP 72	7	2	17¾	32.30
RP752	7½	2	20	37.10

ANGLE TOP

Elastic Packed Seam



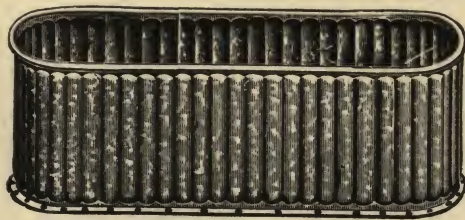
Deep corrugations and triple fold angle around top securely braces tank. Special galvanized rivets used throughout. These are placed 1½ in. apart, insuring tank against leaks. For full detailed construction, see next page under heading of round end corrugated tanks.

Full 20 Gauge Galvanized Iron

Nos.	Width, ft.	Height, ft.	Cap. bbls.	Each
RC 32	3	2	3	\$12.30
RC352	3½	2	4	14.00
RC 42	4	2	5	15.80
RC452	4½	2	6¾	17.70
RC 52	5	2	8½	20.00
RC552	5½	2	10½	22.50
RC 62	6	2	12½	25.50
RC652	6½	2	14¾	28.80
RC 72	7	2	17¾	32.30
RC752	7½	2	20	37.10

ROUND END CORRUGATED TANKS

ANGLE TOP



Elastic Packed Seams

Corrugated body sides add strength and eliminate bulging sides when filled. They also allow for expansion and contraction due to temperature changes.

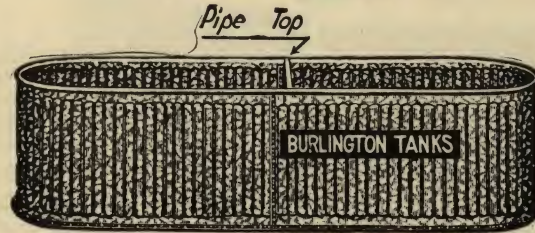
Side and bottom seams packed with pure asphalt packing pressed into seams and closely riveted.

A special feature of this tank is the triple fold. This fold forms into sharp angles, making the top and sides all in one piece and at the same time forming the triple fold into which the bottom is fastened. Specially formed angle iron cross braces placed every 3 feet. Special galvanized rivets used around bottom and on side seams. Triple fold seam in bottom also, elastic packed.

Full 20 Gauge Galvanized Rust-Resisting Iron

Nos.	Width, ft.	Height, ft.	Lgth., ft.	Cap., bbls.	Each
CE 1514	1½	1	4	1	\$10.50
CE 1515	1½	1	5	1½	12.50
CE 1516	1½	1	6	1¾	14.40
CE 1518	1½	1	8	2¼	18.00
CE 214	2	1	4	1½	11.40
CE 215	2	1	5	2	13.20
CE 216	2	1	6	2¼	15.00
CE 218	2	1	8	3	18.60
CE 2154	2	1½	4	2¼	12.00
CE 2155	2	1½	5	2¾	14.10
CE 2156	2	1½	6	3⅛	16.20
CE 2158	2	1½	8	5	20.40
CE21510	2	1½	10	6¼	24.60
CE 224	2	2	4	3	12.60
CE 225	2	2	5	3¾	15.20
CE 226	2	2	6	4½	17.70
CE 227	2	2	7	5½	20.30
CE 228	2	2	8	6¼	22.80
CE 2210	2	2	10	8	27.90
CE 2525	2½	2	5	4½	17.00
CE 2526	2½	2	6	5¾	19.80
CE 2527	2½	2	7	7	22.70
CE 2528	2½	2	8	8	25.50
CE25210	2½	2	10	10¼	31.20
CE 326	3	2	6	7	21.80
CE 328	3	2	8	9½	28.10
CE 3210	3	2	10	12½	34.40
CE 3212	3	2	12	15	41.00
CE35210	3½	2	10	15	37.50
CE35212	3½	2	12	17½	44.70
CE35214	3½	2	14	21	51.60
CE 428	4	2	8	12¾	32.40
CE 4210	4	2	10	16¼	39.30
CE 4212	4	2	12	20	46.50
CE 4214	4	2	14	23½	53.40
CE 4216	4	2	16	27½	60.30
CE 5212	5	2	12	24½	53.10
CE 5214	5	2	14	29¼	60.80
CE 5216	5	2	16	33¾	68.40
CE 6214	6	2	14	34¾	67.80
CE 6216	6	2	16	41	76.40

PIPE TOP



Elastic Packed Seams

Has a ¾ in. pipe rolled into the metal, elastic packing both in sides and bottom seams, and deep corrugations around entire tank. Cross bars are placed across top. Special galvanized rivets placed every 1½ in. apart on the bottom seam.

In the bottom seam construction, metal from body of tank is folded into a triple fold, forming an angle. Bottom is placed between this fold of the metal and the elastic packing cut to fit between bottom and upper part of this angle fold; all are pressed together under heavy pressure and riveted together.

Solid pipe rolled into metal around top, forms a very rigid construction which will withstand all pressure, bumps and knocks.

The only tank on the market combining the pipe top construction, corrugated sides and elastic packed seams.

Full 20 Gauge Galvanized Rust-Resisting Iron

Nos.	Width, ft.	Height, ft.	Lgth., ft.	Cap., bbls.	Each
PE 224	2	2	4	3	\$12.60
PE 225	2	2	5	3¾	15.20
PE 226	2	2	6	4½	17.70
PE 227	2	2	7	5½	20.30
PE 228	2	2	8	6¼	22.80
PE 2210	2	2	10	8	27.90
PE 2525	2½	2	5	4¾	17.00
PE 2526	2½	2	6	5¾	19.80
PE 2527	2½	2	7	7	22.70
PE 2528	2½	2	8	8	25.50
PE25210	2½	2	10	10¼	31.20
PE 326	3	2	6	7	21.80
PE 328	3	2	8	9½	28.10
PE 3210	3	2	10	12½	34.40
PE 3212	3	2	12	15	41.00
PE35210	3½	2	10	15	37.50
PE35212	3½	2	12	17½	44.70
PE35214	3½	2	14	21	51.60
PE 428	4	2	8	12¾	32.40
PE 4210	4	2	10	16¼	39.30
PE 4212	4	2	12	20	46.50
PE 4214	4	2	14	23½	53.40
PE 4216	4	2	16	27½	60.30
PE 5212	5	2	12	24½	53.10
PE 5214	5	2	14	29½	60.80
PE 5216	5	2	16	33¾	68.40
PE 6212	6	2	12	29¼	59.30
PE 6214	6	2	14	34¾	67.80
PE 6216	6	2	16	41	76.40

WAGON TANKS

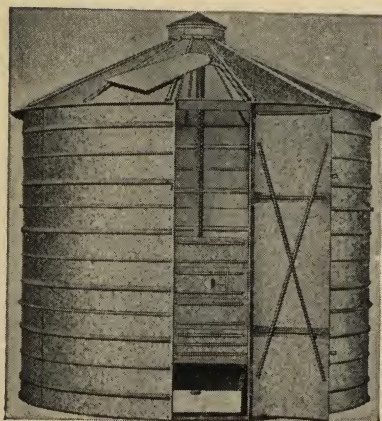
CORRUGATED

Especially designed and constructed, having corrugated sides and elastic packed seams. Furnished with specially designed bulk head splashers. 15 in. manhole in center of top. 1¼ in. pipe plug at rear center, close to bottom, for an outlet faucet. Elastic packed leak-proof seams. Full 20 Gauge Galvanized Steel.



Nos.	Width, ft.	Height, ft.	Length, ft.	Cap., bbls.	Each
W1	3	2	10	12¼	\$58.60
W2	3	2	8	9½	53.20
W3	2½	2	8	8	46.80
W4	2	2	8	6¼	41.40
W5	2	2	6	4½	36.00

GRAIN BINS BUTLER



Provides safe, durable and economical farm storage, preserving the protein value, regulating moisture and cutting shrinkage. Shields against fire, rats and weather.

Special features include the full height door, large roof manhole, removable steel door slats, shoveling board and sacking device.

These are Butler features which make for convenient handling in and out of storage.

Butler, Heavy Duty Grade

Made with 20 gauge galvanized steel body up to and including the 1330 bushel size, 24 gauge bottom and 26 gauge roof.

Larger sizes are made with 20 gauge body and 20 gauge bottom, giving a heavier gauge steel in the larger sizes.



Capacity, bu. wheat	500	1000	1330	1650	2200
Cap., bu. ear corn	270	540	720	890	1190
Diam. x height, ft.	10x8	14x8	14x11	18x8	18x11
Wt. each, lbs.	850	1232	1452	1948	217
Each	\$157.50	226.00	268.00	341.50	394.00

Economy Grade

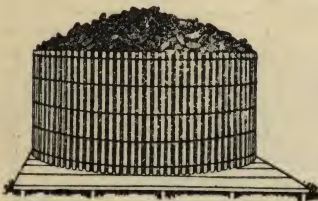
Design and construction identical with the Butler grade, above, except for certain refinements. It is a pace-maker in both the low and medium priced field.

24 gauge body and bottom, 26 gauge roof. Highest grade galvanized steel.

Capacity, bu. wheat	500	1000	1330
Cap., bu. ear corn	270	540	720
Diam. x height, ft.	10x8	14x8	14x11
Wt. each, lbs.	677	991	1131
Each	\$136.50	194.00	231.00

Note—Both grades can be furnished perforated for corn at an extra cost.

CORN CRIBS ROWE PICKET FENCING



Made of heavy hardwood pickets, four feet long, 1½ inches wide, which are woven between five cables No. 12 smooth galvanized wire. Pickets are spaced 2 inches apart, close enough to protect the corn from stock and far enough apart to admit a free circulation.

Single Section, 4 ft. High

No.	Cap., bu.	Diam., ft.	Cribbing req., ft.	No. of rolls	Wt. per Crib, lbs.	Per Crib
110	400	16	50	1	150	\$ 6.00
111	500	18	60	1	180	7.20
112	600	21	65	1	195	7.80

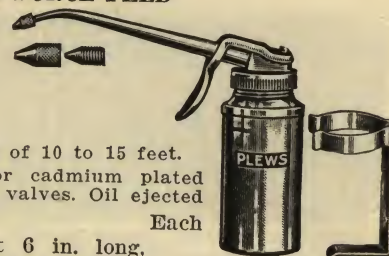
Double Section, 8 ft. High

No.	Cap., bu.	Diam., ft.	Cribbing req., ft.	No. of rolls	Wt. per Crib, lbs.	Per Crib
113	400	12	75	1	225	\$ 9.00
114	500	13	80	1	240	9.60
115	600	15	90	1	270	10.80
116	800	16	100	2	300	12.00
117	900	17	110	2	330	13.20
118	1000	18	120	2	360	14.40

OILERS PLEWS FORCE FEED

Pistol Oilers

Used in shops and service stations for oiling all small parts. Also for general use.



Will project oil a distance of 10 to 15 feet.

All parts are of brass or cadmium plated steel. No leathers used for valves. Oil ejected mechanically.

Each

- No. 100—Cap. 6 ozs., spout 6 in. long, double tip vent, forged brass cap, polished nickel finish, complete with holder; wt. dozen 9 lbs.\$1.50 Each
- No. 1100—Same as above but with pressed steel cap\$1.35
- No. 1105—Same as No. 100, but with single tip vent and in copper plated finish; wt. dozen 8 lbs. 1.00
- Nos. 100 and 1100, one in a box, one dozen in a carton; No. 1105, one dozen in display.

Machinery Oilers

All metal action, no leather valves or plungers. Spout, pump and handle in one detachable unit. Brass cone-shaped tip on spout. Pumps any oil that will flow when held in any position.

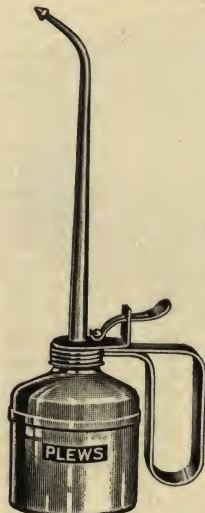
Easy operating lever handle with perfect control. Cadmium plated balls and bronze springs.

Lower section of body in one-piece drawn steel, no seams.

Attractive polished nickel finish.



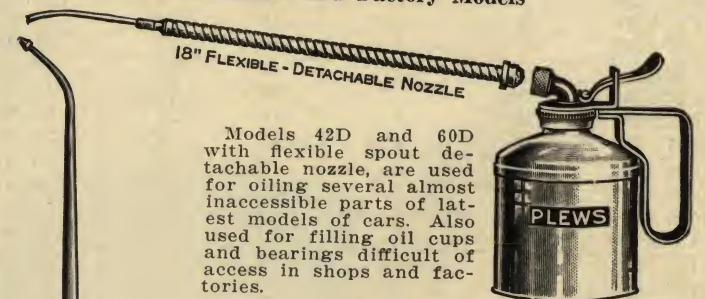
Nos. 20 and 40



Nos. 30, 35 and 45

- No. 30—Cap. ¾ pint; 9 in. spout; wt. doz. 10 lbs.\$1.35
- No. 35—Cap. 1½ pints; 9 in. spout; wt. doz. 12 lbs. 1.75
- No. 45—Cap. 1 quart; 10 in. spout; wt. doz. 18 lbs. 2.25
- Nos. 30 and 35, one dozen, No. 45, one-half dozen in a box. Each
- No. 20—Cap. ¾ pint; 5 in. spout; wt. doz. 8 lbs.\$1.25
- No. 40—Cap 1½ pints; 9 in. spout; wt. doz. 12 lbs. 1.85
- One dozen in a box.

Automotive and Factory Models



Models 42D and 60D with flexible spout detachable nozzle, are used for oiling several almost inaccessible parts of latest models of cars. Also used for filling oil cups and bearings difficult of access in shops and factories.

Nos. 42D and 60D

Nickel Plated Finish

- No. 45D—Cap. 1 qt.; 11 in. rigid detachable spout\$2.35
- No. 42D—1½ Pt. Capacity

- With 18 in. Flex. Spout, detach. nozzle..\$2.40
- With 16 in. Flex. Spout, straight vent.. 2.40
- With 10 in. Rigid Spout 2.00
- With 16 in. Rigid Spout 2.25

No. 60D—1 Quart Capacity

- With 18 in. Flex. Spout, detach. nozzle ..\$3.00
- With 16 in. Flex. Spout, straight vent .. 3.00
- With 11 in. Rigid Spout 2.60
- With 16 in. Rigid Spout 2.85
- Shipping weight dozen 18 pounds.
- Open stock.



No. 45D

OILERS

EAGLE HARVESTER



Body drawn from one piece sheet steel, double seamed bottom, 1½ inch wide mouth opening.

Capacity 12 ounces, height over all 7¼ in., height to top collar 3¾ in., diameter 3 in. length of spout 4 in.

Reinforced insert type spouts.

No. 77T-BS

Tinned

Per dozen

No. 77T-SS—Straight spout\$1.70

No. 77T-BS—Bent spout 1.70

Coppered

Per dozen

No. 77C-SS—Straight spout\$2.50

No. 77C-BS—Bent spout 2.50

Average weight per dozen 3¾ pounds.

One dozen in a carton.

OILER ASSORTMENTS

EAGLE ECONOMY



Enameled Harvester or Utility Oilers

Used by farmers, plumbers, householders and mechanics for oiling of all kinds.

Seamless drawn steel bodies, genuine double seamed bottoms. Reinforced insert type spouts.

Bodies enameled in striking colors that attract attention.

Per assortment

No. 4B—Assortment consists of one dozen ¾ pt. tinned steel oilers with 4 in. straight spouts, enameled red, green and blue in equal quantities; weight per assortment 3½ lbs.\$1.70

One assortment in a display box.

EAGLE DANDY



Copper plated steel oilers, reinforced insert type spouts; all sizes interchangeable. Used by mechanics, plumbers, farmers, auto owners and householders.

Per assortment

Eagle Dandy—Assortment consists of one dozen oilers as enumerated below, in an attractive display box; weight per assortment 3½ lbs.\$3.60

½ dozen—No. 13A Oiler; ½ pt. capacity, 5 in. straight spout.

½ dozen—No. 14 Oiler; ½ pt. capacity, 9 in. bent spout.

½ dozen—No. 14AA Oiler; ½ pt. capacity, 5 in. straight spout.

Ten assortments in a carton.

OILER ASSORTMENTS

EAGLE RAINBOW

Hydraulic Pump Oilers

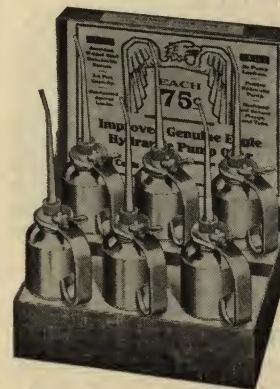
Seamless drawn steel bodies; tinned to prevent corrosion. Bodies enameled in red, green and blue. Genuine double seamed bottoms; copper finished spouts and handles, seamless welded steel reinforced insert type spouts. Body of can fits receptacles or holders on all harvesting and farm machinery.

Used by mechanics, farmers, plumbers, garagemen and millwrights.

Per assortment

Rainbow Assortment—Consists of ½ dozen oilers, ¾ pt. capacity, with 6½ in. bent spouts as described above, in an attractive display box; weight per assortment 4⅞ lbs.\$6.00

One display in a carton.



EAGLE HOUSEHOLD

Coppered plated steel oiler; reinforced insert type spout.

Used for oiling sewing machines, vacuum cleaners, lawn mowers, electric fans, small motors, etc.

Per assortment

No. 05—Assortment consists of two dozen oilers as enumerated below, in an attractive display box; wt. per assortment 1½ lbs.\$1.70

Contents:

1 dozen—No. 05A Oiler; ½ oz. capacity, 1½ in. spout.

1 dozen—No. 05B Oiler; ½ oz. capacity, 2 in. spout.

Three dozen assortments in a carton.



EAGLE DIME DISPLAY

Copper plated, steel oilers, reinforced insert type spouts.

Used by mechanics, plumbers, farmers, auto owners and householders for oiling cars, trucks, tractors, tools, farm machinery, etc.

Per assortment

No. 32—Assortment consists of one dozen No. 32, ½ pt. capacity oilers with 3 in. straight spouts as described above, in an attractive display box; weight per assortment 2½ lbs.\$1.70

One and one-half dozen assortments in a carton.



GREASE CUPS

STANDARD



No. 200—Steel finish, plain pressed metal cap, light weight, large capacity.

Size, Nos.	000	00	0	1	2	3	4
Capacity, oz.	¼	½	¾	1	2	2½	3
Pipe thread, in. ...	⅛	⅜	¼	¼	¼	¾	½
Per dozen	\$0.72	1.00	1.20	1.50	3.20	4.80	7.00

Open stock.

**JACK SCREWS****LOCOMOTIVE**

Cast Body, Wrought Steel Screws

Size, In.	Height of		Cap., Tons	Each, Lbs.	Each
	Stand, In.	Over All, In.			
1 1/4 x 8	8	10 1/2	10	13	\$3.60
1 1/2 x 12	12	14 1/4	12	19	5.60
1 3/4 x 12	12	15	16	25	6.70
2 x 12	12	15 1/2	20	30	8.00
2 x 16	16	19 1/2	20	37	9.80

Open stock.

STEEL HOISTS**HALL JUMBO SAFETY**

Lock automatically adjusts itself to various sizes of rope. Under any load, heavy or light—it holds the rope in a grip that cannot slip. The most efficient and safest hoist lock ever designed. Gray iron sheaves.

Without Rope			
Nos.	A597	A598	A600
Cap., lbs.	2000	4000	1500
Av. man can hoist, lbs.	600	650	300
Size rope, in.	1/4-1/2	3/8-3/4	1/4-1/2
Number of sheaves	3	3	2
Weight each, lbs.	5 1/2	9	3 3/4
Each	\$3.00	5.90	2.00
Nos.	A601	A604	
Cap., lbs.	2500	1000	
Av. man can hoist, lbs.	350	175	
Size rope, in.	3/8-3/4	3/8-3/4	
Number of sheaves	2	1	
Weight each, lbs.	6 1/2	4 1/4	
Each	\$4.50	2.00	

Open stock.

CHAIN HOISTS**YALE DIFFERENTIAL**

This is the Genuine Yale Differential Block.

These blocks have large sheaves and full size chains of special material gauged by a patented process which hardened it and insures its gearing accurately with the correctly formed pockets in the sheaves.

These blocks handle heavy loads readily and are very reliable.

The load is held and will not lower until the hand chain is pulled.

Capacity, tons	1/4	1/2	1	1 1/2
Min. distance between hooks, in.	17	21	26	32
Chain pull, ft.	18	24	30	36
Regular lift, ft.	6	7	8	8 1/2
Weight each, lbs.	23	30	50	81
Complete Each,	\$27.00	30.20	40.30	51.80

Every block tested to a 50 per cent overload.

SNATCH BLOCKS**"ANVIL BRAND," WOOD**

Drop Link, for Manila Rope

Drop forged heads and links. Straps extend to bottom of shell; drop forged flattened swivel hook.

Shells are double cross bolted and edges of shell are nicely rounded. Iron bushed.

Nos.	385-6	385-8	385-10	385-12
Lgth. shell, in.	6	8	10	12
Sheave, in.	3x1 1/8x1 1/2	4 1/2x1 3/8x5/8	5 3/4x1 7/8x3/4	6 3/4x2 1/8x3/4
For rope diam., in.	3/8	1	1 1/4	1 1/2
Wt. each, lbs.	6	12 1/2	22 3/4	33
Each	\$4.00	5.75	8.50	10.00

TACKLE BLOCKS**"ANVIL BRAND," WOOD**

For Manila Rope

Wood shells; iron sheaves and iron bushed, inside iron strapped; steel pin; loose hook.



No. 26—Single



No. 27—Double



No. 28—Triple

With Becket

Lgth. Shell, In.	Sheave, In.	For Rope Dia., In.	Double Weight Each, Lbs.	No. 26 Single Each	No. 27 Double Each	No. 28 Triple Each
3	1 3/4 x 1 1/2 x 3/8	3/8	1 1/2	\$0.70	\$1.30	\$1.75
4	2 1/4 x 1 1/2 x 3/8	1/2	2 1/8	.85	1.60	2.15
5	3 x 1 3/4 x 3/8	5/8	4 1/4	.90	1.75	2.25
6	3 1/2 x 1 1/2 x 1/2	3/4	7	1.10	2.00	2.90
7	4 1/4 x 1 1/2 x 1/2	7/8	8 1/2	1.30	2.40	3.50
8	4 3/4 x 1 1/2 x 5/8	1	13	1.65	2.85	4.25
9	5 1/2 x 1 1/2 x 5/8	1	15	1.85	3.40	4.75
10	6 1/4 x 1 1/2 x 5/8	1 1/8	23 1/2	2.75	4.50	6.25
11	7 1/4 x 1 1/2 x 3/4	1 1/8	26	4.45	7.50	10.65
12	8 x 1 3/8 x 3/4	1 1/4	36	4.45	7.50	10.65
14	9 1/2 x 1 5/8 x 7/8	1 3/8	53	7.00	10.50	15.00
15	10 x 1 5/8 x 7/8	1 1/2	60	8.00	13.00	18.00

Open stock.

"ANVIL BRAND," STEEL

For Manila Rope

Open hearth steel shells with rounded edges, refined iron straps and hooks, grey iron sheaves, steel pins. Japanned; iron bushed. With loose side hooks.



No. 261—Single



No. 262—Double



No. 263—Triple

With Becket

Lgth. Shell, In.	Sheave, In.	For Rope Dia., In.	Double Weight Each, Lbs.	No. 261 Single Each	No. 262 Double Each	No. 263 Triple Each
3	1 3/4 x 1 1/2 x 3/8	3/8	1	\$0.70	\$1.30	\$1.75
4	2 1/4 x 1 1/2 x 3/8	1/2	1 3/4	.85	1.60	2.15
5	3 x 1 3/4 x 3/8	5/8	3	.90	1.75	2.25
6	3 1/2 x 1 1/2 x 1/2	3/4	5	1.10	2.00	2.90
7	4 1/4 x 1 1/2 x 1/2	7/8	7 1/4	1.30	2.40	3.50
8	4 3/4 x 1 1/2 x 5/8	1	10 3/4	1.65	2.85	4.25
10	6 1/4 x 1 1/2 x 5/8	1 1/8	18 3/4	2.75	4.50	6.25
12	8 x 1 3/8 x 3/4	1 1/4	32	4.45	7.50	10.65

Open stock.

(F) WIRE ROPE
STANDARD HOISTING



Cast Steel. Type "N"

Composed of 6 Strands and a Hemp Core, 19 Wires to a Strand

Diam., in.	App. Circum. in.	App. Wt. per ft., lbs.	Break. Strength in tons	Per Foot
$\frac{1}{4}$	$\frac{3}{4}$	.10	2.1	\$0.09
$\frac{5}{16}$	1	.16	3.2	.09 $\frac{1}{4}$
$\frac{3}{8}$	1 $\frac{1}{8}$	.23	4.5	.09 $\frac{1}{2}$
$\frac{7}{16}$	1 $\frac{1}{4}$	.31	6.	.10 $\frac{1}{2}$
$\frac{1}{2}$	1 $\frac{1}{2}$	.40	7.7	.12
$\frac{5}{8}$	1 $\frac{3}{4}$	.51	9.6	.13 $\frac{3}{4}$
$\frac{3}{4}$	2	.63	11.8	.15 $\frac{3}{4}$
$\frac{7}{8}$	2 $\frac{1}{4}$	.90	16.8	.20 $\frac{1}{2}$
$\frac{1}{2}$	2 $\frac{3}{4}$	1.23	22.8	.25
1	3	1.60	29.5	.31

Open stock.

IRON TILLER OR HAND (FLEXIBLE)



Composed of 6 Strands and 7 Hemp Cores 42 Wires to a Strand
(252 Wires in All)

Exceedingly flexible and capable of being bent around very small sheaves. Used principally for signal pull purposes and in connection with operating and controlling device on passenger and freight elevators.

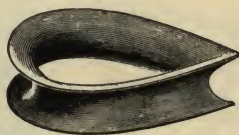
Diam., in.	App. Circum. in.	App. Wt. per ft., lbs.	Break. Strength in tons	Per Foot
$\frac{1}{4}$	$\frac{3}{4}$	.07	.625	\$0.07 $\frac{1}{2}$
$\frac{5}{16}$	1	.11	.977	.08
$\frac{3}{8}$	1 $\frac{1}{8}$	.16	1.40	.09
$\frac{1}{2}$	1 $\frac{1}{2}$	.28	2.39	.11 $\frac{1}{2}$

Open stock.

Wire rope shipped from factory. Freight allowed 200 pounds or more.

Note—Special sizes and types available from Factory. Catalog and prices on application.

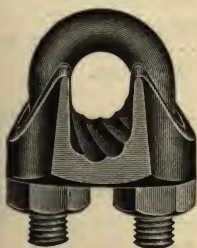
WIRE ROPE THIMBLES



No. 6411—Regular Pattern; Wrought Steel Galvanized

For rope, in.....	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Weight per 100, lbs....	2 $\frac{3}{4}$	3 $\frac{1}{2}$	5 $\frac{1}{2}$	7 $\frac{3}{8}$	11 $\frac{3}{4}$	36	50
Per dozen	\$0.70	.72	.80	.90	1.20	1.70	2.00

WIRE ROPE CLIPS



No. G426—Galvanized; Malleable Saddle

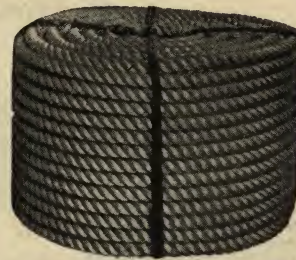
For rope, in.....	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$
Weight per 100, lbs..	8 $\frac{1}{2}$	16 $\frac{1}{2}$	19	25
Per dozen	\$0.80	.80	.90	1.20

For rope, in.....	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Weight per 100, lbs....	40	62	101
Per dozen	\$1.80	2.40	3.50

All above, open stock.

NOTE—Goods Marked (F) Not Carried in Stock but Shipped Direct from Factory.

ROPE



Full coils contain about 1200 ft., half coils about 600 ft.

$\frac{1}{8}$, $\frac{1}{4}$, and $\frac{5}{16}$ in. are stocked in full coils only.

$\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $1\frac{1}{8}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$ and $1\frac{1}{2}$ in. are stocked in half and full coils. Manila rope is about 25% stronger than sisal rope.

BURLINGTON "GREEN STRAND" PURE MANILA

The best No. 1 Manila rope on the market. Will give positive satisfaction when used for any purpose. Green strand not in sizes below $\frac{1}{2}$ in.

Three-Ply—Carried in stock in $\frac{1}{8}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, $1\frac{1}{8}$, 1, $1\frac{1}{4}$ and $1\frac{1}{2}$ inch.

Four-Ply—Carried in stock in $\frac{3}{4}$, $1\frac{1}{8}$, $\frac{7}{8}$ and 1 inch.

PREMIUM "RED STRAND" PURE MANILA

A No. 2 grade Manila rope which is equal to many brands of No. 1 rope. Guaranteed to work satisfactorily. Red strand not in sizes below $\frac{1}{2}$ in.

Three-Ply—Carried in stock in $\frac{1}{4}$, $\frac{1}{8}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$ and 1 inch.

Four-Ply—Carried in stock in $\frac{3}{4}$, $1\frac{1}{8}$, $\frac{7}{8}$ and 1 inch.

BURLINGTON "PURPLE STRAND" PURE SISAL

Made from best selections of full length best grade Mexican Sisal fibre. Light in color and will not stretch. Purple strand not in sizes below $\frac{1}{2}$ inch.

Three-Ply—Carried in stock in $\frac{1}{4}$, $\frac{1}{8}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{5}{8}$ and $\frac{3}{4}$ inch.

STANDARD SISAL

Made from strong fibre or full length exceptional strength for this grade.

Three-Ply—Carried in stock in $\frac{1}{4}$, $\frac{1}{8}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{5}{8}$ and $\frac{3}{4}$ inch.

BURLINGTON GREEN STRAND HAWSER LAID MANILA, HAY ROPE

Without Center, For Hay Rope or Well Drilling

Three-Ply—Carried in stock in $1\frac{1}{8}$ and $\frac{7}{8}$ inch.

ROPE DIFFERENTIAL OR ADVANCE OVER BASE

		Per pound	
		All Manila	All Sisal
$\frac{3}{4}$ in. diameter and over.....	Base	.....	.....
$\frac{5}{8}$ in. diameter.....	Adv. Over Base	\$0.00 $\frac{1}{2}$	\$0.00 $\frac{1}{2}$
$\frac{1}{2}$, $\frac{1}{4}$ and $\frac{1}{8}$ in. diameter....	Adv. Over Base	.01	.01
$\frac{3}{8}$ in. diameter.....	Adv. Over Base	.03	.02
$\frac{7}{16}$ and $\frac{1}{4}$ in. diameter.....	Adv. Over Base	.04	.03
$\frac{1}{8}$ in. diameter.....	Adv. Over Base	.05	.04
Four strand	Adv. Over Base	.01	.01
Hawser Laid Manila Rope....	Adv. Over Base	.03	.03

APPROXIMATE WEIGHT YARDAGE AND STRENGTH OF MANILA ROPE

Diam., in.	Cir., in.	Wt. per 1200 ft. coils, lbs.	Ft. in 1 lb.	Breaking Strgth., lbs.
$\frac{1}{8}$	$\frac{1}{2}$	33	66.6	450
$\frac{1}{4}$	$\frac{3}{4}$	50	50.0	600
$\frac{5}{16}$	1	65	34.5	1000
$\frac{3}{8}$	1 $\frac{1}{8}$	66	24.4	1350
$\frac{7}{16}$	1 $\frac{1}{4}$	90	19.	1750
$\frac{1}{2}$	1 $\frac{1}{2}$	90	13.5	2650
$\frac{5}{8}$	1 $\frac{3}{4}$	126	9.61	3450
$\frac{3}{4}$	2	160	7.5	4400
$\frac{7}{8}$	2 $\frac{1}{4}$	200	6.17	5400
1	2 $\frac{1}{2}$	234	5.23	6500
$1\frac{1}{8}$	2 $\frac{3}{4}$	270	4.55	7700
$1\frac{1}{4}$	3	324	3.77	9000
$1\frac{1}{2}$	3 $\frac{1}{4}$	504	2.43	13500
2	4 $\frac{1}{2}$	720	1.70	18500
	6	1296	.943	31000

FIRE EXTINGUISHERS VOLUNTEER



All working parts are made of brass.

Pump handle is properly screwed down to prevent leakage. Single action pump develops high compression that projects a stream of fluid 20 feet. The fluid will not corrode casing or outlet and will not freeze at 40° below zero nor damage anything.

The greatest value ever offered in a good fire extinguisher.

Complete with Bracket

Each
Volunteer—1 pt. capacity; wt. each
3½ lbs.\$3.20
One in a carton.

Each
Refills—In 1 pt. cans\$1.00
Open stock.

IMPROVED PYRENE



The most effective type for smothering all classes of fire in its incipient stage—fires in inflammable liquid or electrical equipment.

Ideal for protecting schools and homes, light enough for women and children to handle easily. The liquid does not deteriorate and will not injure delicate fabric.

Use only genuine Pyrene Fire Extinguishing Liquid as other liquid may cause corrosion and make use on electrical fires dangerous.

Also supplied in colored Duco finishes to match interior decorative schemes.

The 1 quart Pyrene is inspected and labeled by the Underwriters' Laboratories and approved by the Associated Factory Mutual, the U. S. Steamboat Inspection Service and the Good Housekeeping Institute.

Polished Brass, With Black Enamelled Wall Bracket

Nos.	C11	C21
Capacity	1 pt.	1 qt.
Wt. each, lbs.	4	7
Each	\$10.00	14.00
One in a box; No. C11, twelve, No. C12, six in carton.		

Special Size For Motor Cars

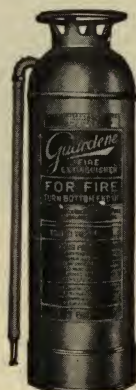
Similar to the one quart size, but has special bracket for mounting on the steering post of the car—easy to reach—out of the way—instantly available.

For all fires. Non-freezing. Throws a steady stream.

Polish brass finish.

Each
No. C11A—1 pint capacity; wt.
each 5 lbs.\$10.50
One in a box, one dozen in a carton.

FIRE EXTINGUISHERS GUARDENE



Soda and Acid Type

Finest quality cold rolled copper shell, dome and bottom. Heavily backed with solder and sweated seams. Will withstand 350 pounds pressure. Interior is completely coated with a lead-alloy. Polish copper finish.

Ejects a stream 40 ft. in any direction.

Inspected and labeled by the Underwriters' Laboratories and approved by the Associated Factory Mutuals and the U. S. Steamboat Inspection Service.

Each
No. S13—Cap. 2½ gallons; height
24 in.; wt. each 21 lbs.\$17.00

One in a carton.

PHOMENE



Foam Type

Finest quality cold rolled copper shell, dome and bottom. Heavily backed with solder and sweated seams. Removable inner container of seamless drawn copper, coated with a corrosion-resisting lead-alloy. Copper polish finish.

Blankets fire in oil, greases, naptha, tar, wax, etc.

Releases 22 gallons of tough fire-killing foam.

Inspected and labeled by the Underwriters' Laboratories and approved by the Factory Mutual Laboratories.

Each
No. P13—Cap. 2½ gallons; height
24 in.; wt. each 24½ lbs.\$20.00

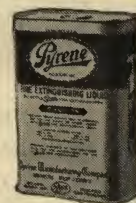
One in a carton.

NOTE:—

BOTH THE GUARDENE AND PHOMENE EXTINGUISHERS MUST BE RECHARGED YEARLY AND SHOULD BE PROTECTED AGAINST FROST.

ALL EXTINGUISHERS INCLUDE A HANGING BRACKET AND CHARGE.

FIRE EXTINGUISHER RECHARGES PYRENE LIQUID



This is the proper charge for all extinguishers bearing the trade name "Pyrene".

Anti-freezing—non-corroding.

Safe on electrical fires as it is non-conducting. Other liquids may cause corrosion of the extinguisher or make use on electrical fires dangerous.

Each
No. CR2—One quart can; wt. each
4 lbs.\$1.50

No. CR1—One pint can; wt. each
2 lbs.75
Twenty cans in a case.

GUARDENE SODA AND ACID



Sulphuric acid and soda bicarbonate packed in air-tight container. For No. S13 and all soda and acid type extinguishers.

Each
No. SR1—Complete recharge for No.
S13 extinguisher; wt. dozen 31
lbs.\$0.55
Two dozen in a carton.

PHOMENE FOAM



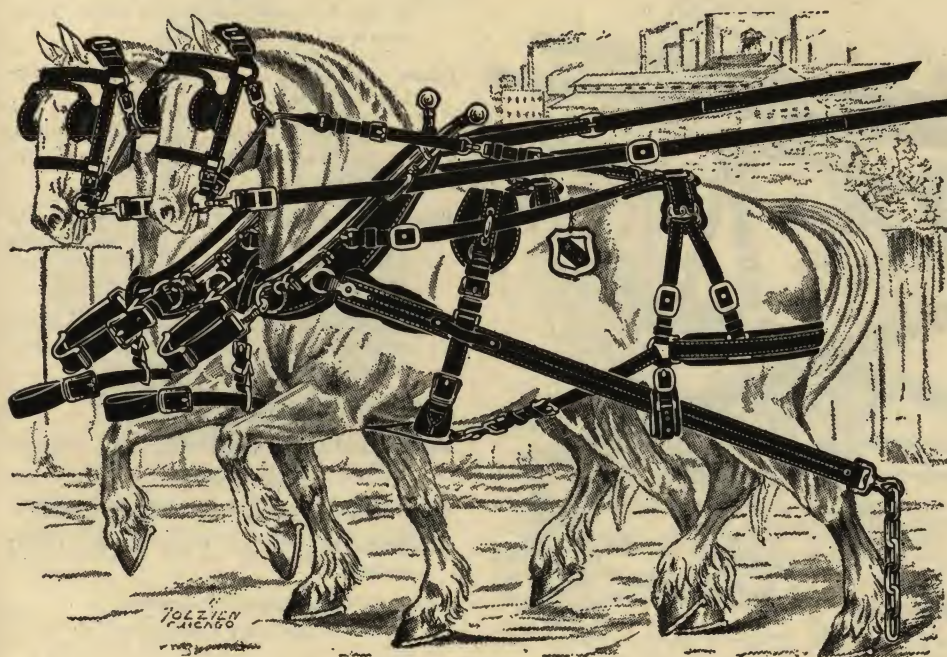
Spreads over burning surface, liquid or solid; cuts off supply of oxygen and forms a tough, air-tight and fireproof blanket.

Each
No. PR1—Complete recharge for
No. P13 extinguisher; wt. dozen 59 lbs.\$1.60
One dozen in a carton.

WE CARRY ONLY WELL KNOWN, NATIONALLY ADVERTISED AND PROVEN MERCHANDISE OF TRUE VALUE.

SEND US YOUR MAIL ORDERS.

TEAM HARNESS



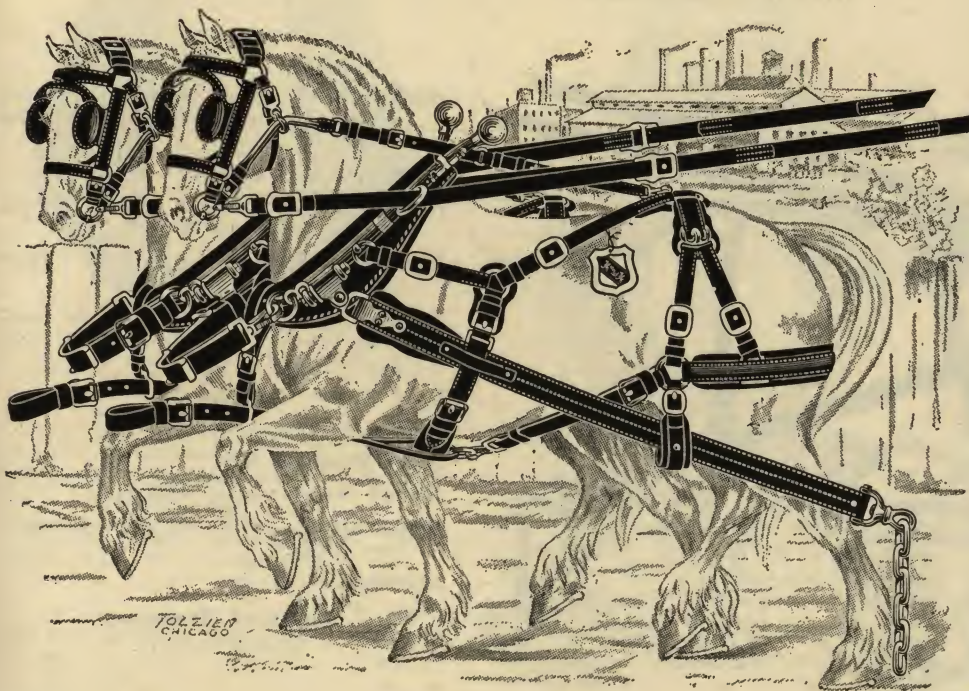
- Bridles**—Short cheeks, $\frac{7}{8}$ in. ring crown folded long round side rein.
- Lines**— $1\frac{1}{8}$ in. x 20 ft.
- Hames**—Steel bolt, ball top.
- Hame Straps**—1 inch.
- Traces**— $1\frac{1}{2}$ in. or $1\frac{3}{4}$ in. x 6 ft., with swivel heel chain.
- Spread Straps**— $\frac{3}{4}$ in. with ring.
- Pads**—Leather lined, 5 in. wide with $1\frac{1}{2}$ in. layer and market straps.
- Breeching**—Single strap body with D, $1\frac{1}{4}$ in. layer, $1\frac{1}{8}$ in. reverse hip straps, $1\frac{1}{8}$ in. back strap and $1\frac{1}{4}$ in. reverse side straps.
- Belly Bands**—Single strap, $1\frac{1}{2}$ in.
- Martingales**— $1\frac{1}{2}$ in. with $\frac{7}{8}$ in. collar straps.
- Breast Straps**— $1\frac{1}{2}$ in., check up straps $\frac{7}{8}$ in. with snaps.

Japanned Trimming

Without Collars

- | | |
|--|---------|
| No. 4H651—With $1\frac{1}{2}$ in. trace, two row stitched; weight per set 89 lbs. | Per set |
| With $1\frac{3}{4}$ in. trace, three row stitching; weight per set 93 lbs. | \$85.00 |
| | 87.00 |

One set in a box.



- Bridles**—Short cheeks $\frac{7}{8}$ in., ring crown, long round rein with check up strap.
- Lines**— $1\frac{1}{8}$ x 20 ft. with No. 188 buckle and snap.
- Hames**—Steel bolt, ball top.
- Hame Straps**—1 in. spread strap $\frac{3}{4}$ in. with ring.
- Traces**— $1\frac{1}{2}$ or $1\frac{3}{4}$ in. x 6 ft. with No. 21 clip and swivel heel chains.
- Breeching**—Single strap body with layer, reverse hip straps $1\frac{1}{8}$ in., $1\frac{1}{8}$ in. side and back strap, 1 in. lazy straps.
- Belly Bands**—Folded $1\frac{1}{2}$ in.
- Martingales**— $1\frac{1}{2}$ in. with $\frac{7}{8}$ in. collar straps.
- Breast Straps**— $1\frac{1}{2}$ in. with snaps and slides.

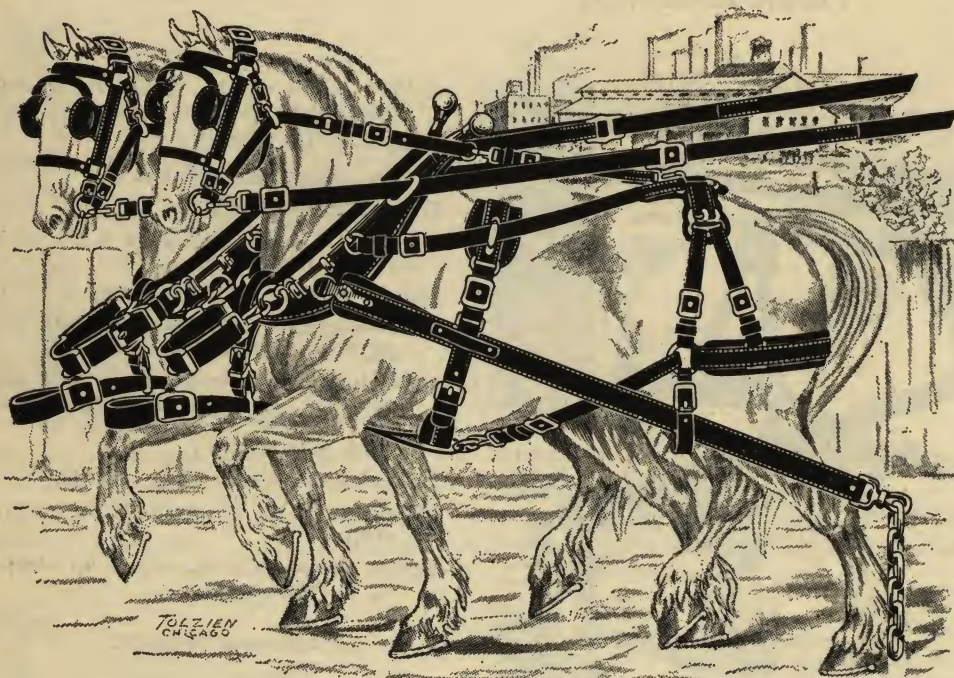
Japanned Trimming

Without collars.

- | | |
|---|---------|
| No. 4H669—With $1\frac{1}{2}$ in. traces, two row stitched; weight per set 89 lbs. | Per set |
| With $1\frac{3}{4}$ in. traces, three row stitched; weight per set 93 lbs. | \$80.50 |
| | 82.50 |

One set in a box.

TEAM HARNESS



Bridles— $\frac{7}{8}$ in. short cheeks, ring crown, $\frac{3}{4}$ in. long flat side rein with $\frac{7}{8}$ in. check up strap.

Lines— $1\frac{1}{8}$ in. x 20 ft., with No. 188 buckle and snap.

Hames—Steel bolt, ball top. Hame strap, 1 in. riveted. Spread strap, $\frac{5}{8}$ in. ring.

Breeching—Single strap body with $1\frac{1}{4}$ in. layer, $1\frac{1}{4}$ in. reverse side strap with metal loop at breeching ring, $1\frac{1}{8}$ in. reverse hip and back strap.

Traces— $1\frac{1}{2}$ in. or $1\frac{3}{4}$ in. x 6 ft. with advance clips, $1\frac{1}{4}$ in. belly band billets, scalloped fender.

Belly Bands—Folded, $1\frac{1}{4}$ in.

Pads—Leather lined, $1\frac{1}{4}$ in. market straps.

Breast Straps— $1\frac{1}{2}$ in. snaps and slides.

Martingales— $1\frac{1}{2}$ in. with $\frac{7}{8}$ in. collar straps.

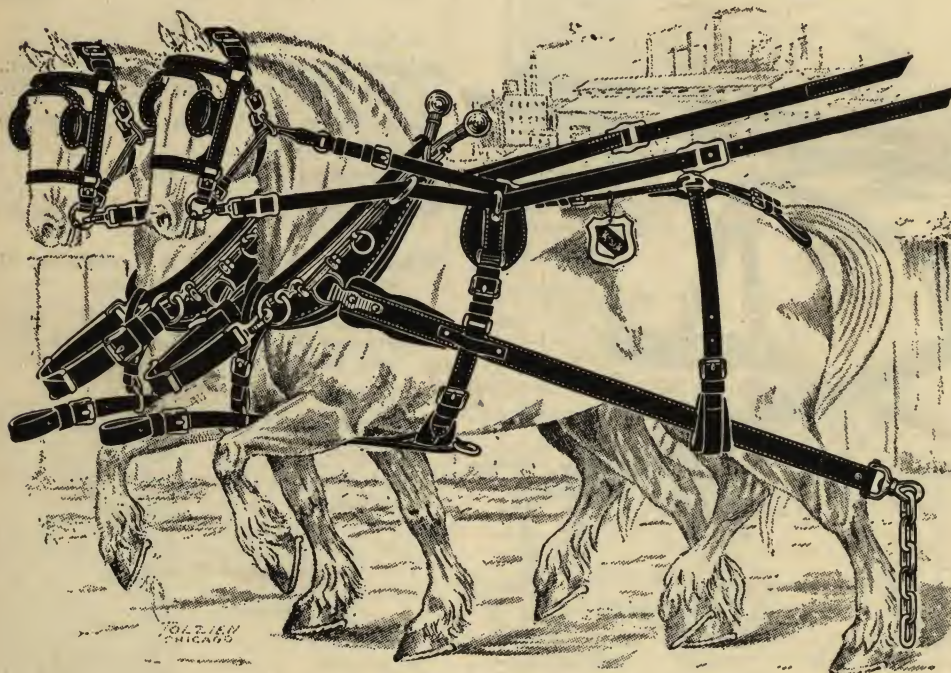
Japanned Trimming
Without Collars.

No. 4H618X—With $1\frac{1}{2}$ in. trace, two row stitched; weight per set 87 lbs. Per set \$77.00
 With $1\frac{3}{4}$ in. trace, three row stitched; weight per set 91 lbs. 79.00

No. 4H619—Farm Harness—As above, less breeching, $1\frac{1}{8}$ in. single hip and back strap to buckle in pad; pad, hook and terret; long flat rein; japan trim; $1\frac{1}{2}$ in. trace; weight per set 74 lbs. 63.50

One set in a box.

FARM HARNESS



Bridles— $\frac{7}{8}$ in. short cheek, folded ring crown, long side reins to check up in pad.

Lines— $1\frac{1}{8}$ in. x 20 ft.

Pads—5 in. wide, $1\frac{1}{2}$ in. market straps, Dwight hook and terret.

Hip and Back Straps—1 in. with Cooper trace carrier.

Traces— $1\frac{1}{2}$ in. or $1\frac{3}{4}$ in. x 6 ft. long, with swivel heel chain, $1\frac{1}{2}$ in. belly band billets.

Belly Bands—Folded.

Hames—Steel bolt, ball top.

Hame Straps—1 in.

Spread Straps— $\frac{3}{4}$ in. with ring.

Breast Straps— $1\frac{1}{2}$ in. with sewed loops and slides.

Martingales— $1\frac{1}{2}$ in.

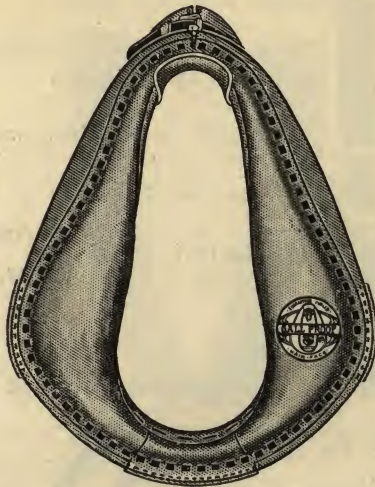
Japanned Trimming
Without collars.

No. 4H606—With $1\frac{1}{2}$ in. traces, two row stitched; weight per set 77 lbs. Per set \$75.00
 With $1\frac{3}{4}$ in. traces, three row stitched; weight per set 81 lbs. 77.00

Note—If wanted less hip straps and leather trace carrier. Deduct 3.00

One set in a box.

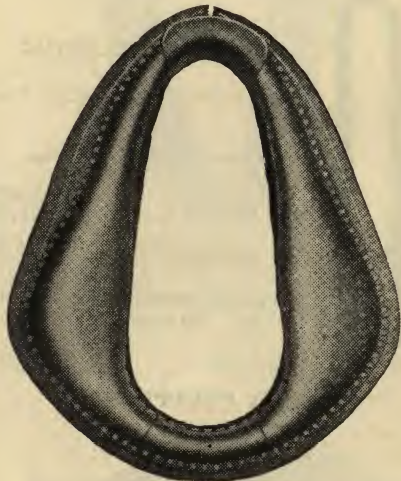
HORSE COLLARS



Team Collar

Pieced back, all thong sewed. Sole leather cap. Buckle and billet $1\frac{1}{4}$ in. Hair face. Norman shape, half black. Draft about 17 in.

	Per dozen
No. 6C6149—Sizes 17 to 22 in....	\$ 96.30
Size 23 in.	103.50
Size 24 in.	110.80
Average weight each $8\frac{1}{2}$ pounds.	



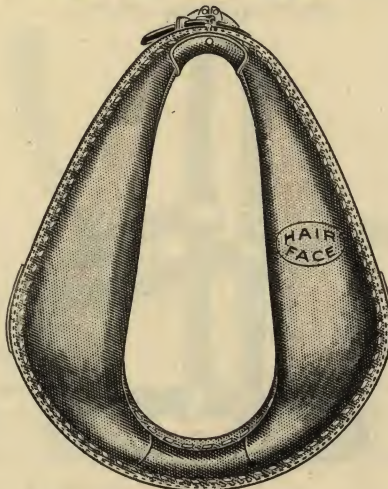
Flexible "Fit-Rite" All Black Team Collar

Made throughout of special oil treated leather. Half sweeney. Hair face. Ribbon thong sewed out-seam and in-seam. No. 3 sole leather pad.

$1\frac{1}{4}$ in. harness leather billet. Draft about 17 in., with rivet finish.

	Per dozen
No. 6C6151—Sizes 17 to 22 in....	\$ 95.00
Size 23 in.	102.20
Size 24 in.	109.30
No. 6C6150—Same as above but Straight pattern, sizes 17 to 22 in.	95.00
Size 23 in.	102.20
Size 24 in.	109.30
Average weight each $8\frac{1}{2}$ pounds.	

HORSE COLLARS

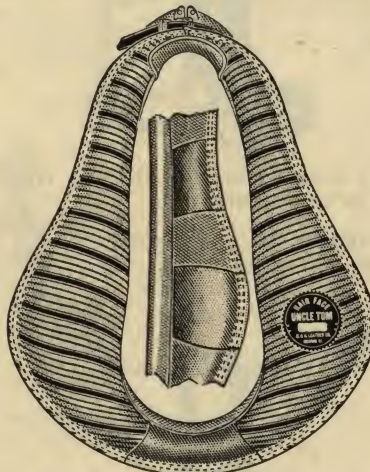


Team Collar

Pieced back, ribbon out-seam and middle seam, half black, hair face, straight pattern, sole leather pad, $1\frac{1}{4}$ in. harness leather billet. Draft about 17 in.

	Per dozen
No. 6C6142—Sizes 17 to 22 in....	\$82.70
Size 23 in.	88.90
Size 24 in.	95.10

No. 6C6143—Same as above, but half sweeney; sizes 17 to 22 in. 83.70
 Size 23 in. 89.90
 Size 24 in. 96.30
 Average weight each $8\frac{1}{2}$ pounds.



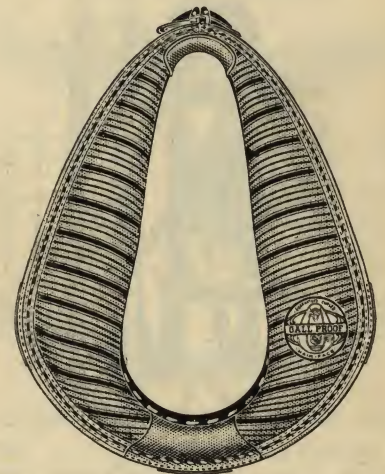
"Uncle Tom's" Team Collar

Half Sweeney. 8 oz. tick face, 10 oz. duck back with split leather hame chafes, throat and crook with 6 in. web rim. Two rows thread stitching, out and in-seam, hair face. $1\frac{1}{4}$ in. buckle and billet riveted on, all rivet finish. No. 4 collar cap. About 18 in. draft.

	Per dozen
No. 6C6313—Sizes 17 to 22 in....	\$44.30
Sizes 23 in.	47.60
Sizes 24 in.	50.90

No. 6C6312—Same as above, but with straight face; sizes 17 to 22 in. 44.30
 Sizes 23 in. 47.60
 Sizes 24 in. 50.90
 Average weight each $7\frac{1}{2}$ pounds.

HORSE COLLARS

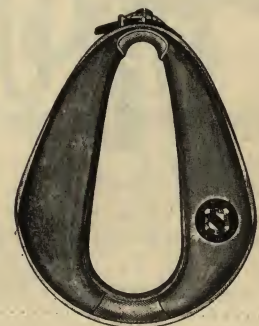


Team Collar

Tick face, split back and rim, pieced back, thread sewed middle seam, split leather welt out-seam, No. 3 collar cap, harness leather billet, draft about 17 in.

	Per dozen
No. 6C6302—Sizes 17 to 24 in....	\$37.90

No. 6C6303—Same as above but half sweeney with large top; sizes 17 to 24 in. 37.90
 Average weight each 8 pounds.



Plow Collar

All canvas, straw stuffed, sole leather pad, with leather billet.

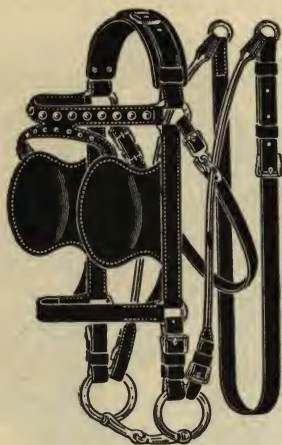
Draft about 17 in.

	Per dozen
No. 6C6300—Sizes 17 to 24 in. ...	\$25.30
Average weight each 7 pounds.	

HOW TO MEASURE A HORSE COLLAR

Place ordinary rule against collar in vertical position with rule touching collar pad and measure to the inside of the rim at the throat.

TEAM BRIDLES



Ring Crown

Short cheeks $\frac{7}{8}$ in., with nose band.
 $\frac{7}{8}$ in. center check.
 Japanned trimming.

Per dozen
 No. 4H1002—With short, flat
 reins\$68.60

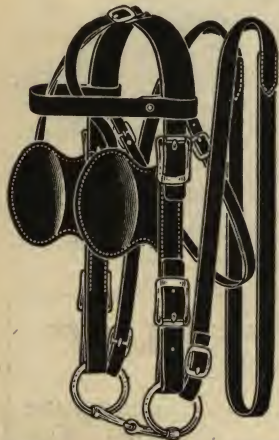
No. 4H1002LR—With long round
 reins 79.80

Average weight per dozen 54 pounds.



$\frac{7}{8}$ in. sensible blinds with "T" winker
 brace. $\frac{3}{4}$ in. flat side rein. Japanned trim-
 ming.

Per dozen
 No. 4H947—Weight per dozen 37 $\frac{1}{2}$
 lbs.\$41.70



For 1 $\frac{1}{4}$ in.
 cheeks. Flat
 winker brace.
 Short flat
 rein.

Japanned
 trimming
 only.

Nos.	4H920-1	4H920-1 $\frac{1}{2}$
Size, in.	1	1 $\frac{1}{2}$
Weight dozen, lbs.	36	40
Per dozen.....	\$35.20	37.40

All above, open stock.

HALTERS

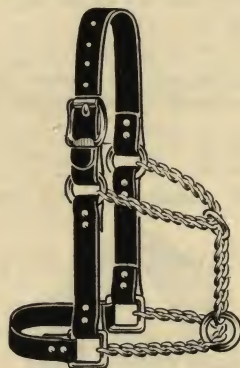
HORSE



Per dozen
 No. 4H2553—1 $\frac{1}{4}$ in., no tie, patent
 riveted five ring; weight per
 dozen 25 lbs.....\$24.80

No. 4H2553X—Same as above, but
 with single chin strap..... 18.90

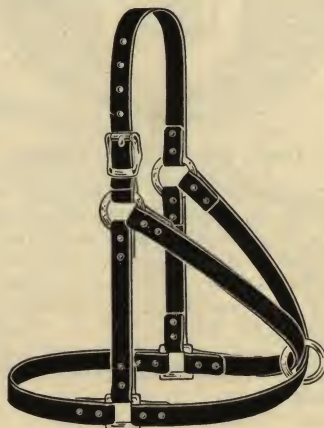
Note—If wanted with snap on
 throat, add, per dozen..... .80



Full size, 5 ring style, 1 $\frac{1}{4}$ in., riveted.
 Leather chin strap.

Per dozen
 No. 4H2577—1 $\frac{1}{4}$ in.; weight per
 dozen 24 lbs.....\$16.90

COW



Patented riveted, single strap.

Nos.....	4H2575-1	4H2575-1 $\frac{1}{4}$
Size, in.	1	1 $\frac{1}{4}$
Weight dozen, lbs.	15	17
Per dozen	\$16.00	18.70

All above, open stock.

HARNESS STRAP WORK

LAZY STRAPS

1 inch billet with wear
 leather.

Japanned finish.

Per dozen
 No. 4H1951—Weight per
 dozen 5 lbs.....\$6.00



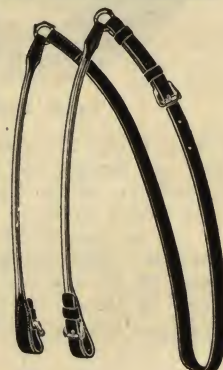
TEAM SIDE CHECKS

$\frac{3}{4}$ in. round
 with flat center
 rein.

XC or japan-
 ned.

Per dozen
 No. 4H1810—
 Wt. per doz-
 en 10 lbs...
\$23.00

No. 4H1810- $\frac{7}{8}$
 —As above,
 but with $\frac{7}{8}$
 in. round...
 25.80



SHORT FLAT REINS

With loops and roller buc-
 kles.

Japanned or XC finish.

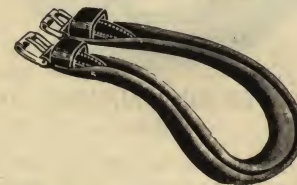
Per dozen
 No. 4H1820- $\frac{7}{8}$ — $\frac{7}{8}$ in...\$11.70

No. 4H1820-1 —1 in... 12.70

Average weight per dozen
 10 pounds.



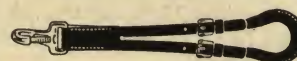
TEAM CRUPPERS



Folded, with roller buckles. Japanned
 trim.

Per dozen
 No. 4H1628— $\frac{3}{4}$ in.; weight per doz-
 en 3 $\frac{1}{4}$ lbs.....\$6.30

CRUPPER FORKS



1 $\frac{1}{2}$ in. body, $\frac{3}{4}$ in. forks. Crupper to
 buckle on. With snap.
 XC or japanned trim.

Per dozen
 No. 4H1975—Weight per dozen 6 $\frac{1}{2}$
 lbs.\$11.10

All above, open stock.

HARNESS STRAP WORK

TEAM BREAST STRAPS



No. 1 quality, made up 4 ft. 6 in. long. Japanned trimming.

Nos.	4H2800-1½	4H2800-1¾
Size, in.	1½	1¾
Wt. dozen, lbs. ..	10½	12
Per dozen	\$14.90	17.20



Made up 4 ft. 6 in. long, with twin loop. Japanned trimming.

Nos.	4H2815-1½	4H2815-1¾
Size, in.	1½	1¾
Wt. dozen, lbs. ..	9¾	10¾
Per dozen	\$11.20	13.40

COLLAR STRAPS



Made up with square roller buckle. Sewed loop. Japanned trim.

Nos.	3101-¾	3101-1
Size, in.	¾	1
Wt. doz., lbs.	2¾	3
Per dozen	\$5.10	5.50



Made up with No. 300 buckles. Japanned trim.

Nos.	4H3100-¾	4H3100-1
Size, in.	¾	1
Wt. doz., lbs.	2¾	3
Per dozen	\$3.40	4.00

All above, open stock.

HARNESS STRAP WORK

TEAM MARTINGALES



Lined and stitched at front end. With roller buckle, loop and ring. Japanned trim.

Nos.	4H2910-1½	4H2910-1¾
Size, in.	1½	1¾
Wt. dozen, lbs. ..	12	13
Per dozen	\$17.70	19.70



Machine sewed. With roller buckle, loop and ring. Japanned trim.

Nos.	4H2905-1½	4H2905-1¾
Size, in.	1½	1¾
Wt. dozen, lbs. ..	10½	11
Per dozen	\$14.10	16.00



Machine sewed. With No. 300 buckle, loop and ring. Japanned trim.

Nos.	H2900-1½	H2900-1¾
Size, in.	1½	1¾
Wt. dozen, lbs.	14	16
Per dozen	\$12.80	14.90

TEAM SPREAD STRAPS



With buckle and loop, without ring.

Nos.	4H1576—Size ¾x24 in.; weight per dozen 2 lbs.	Per dozen
		\$2.90

All above, open stock.

HARNESS STRAP WORK

TEAM BELLY BANDS



Folded with layer. Square roller buckles, with loops.

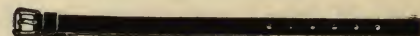
Nos.	4H2149-1½	4H2149-1¾
Size, in.	1½	1¾
Wt. dozen, lbs.	11	12
Per dozen	\$16.00	16.80



Folded, with roller buckles and loops.

Nos.	4H2150-1½	4H2150-1¾
Size, in.	1½	1¾
Wt. dozen, lbs.	12	13
Per dozen	\$13.40	15.10

HAME STRAPS



Sewed loop, made up 24 in. Roller buckle.

Nos.	4H-2201-1	4H2201-1½
Size, in.	1	1½
Wt. dozen, lbs.	3	3½
Per dozen	\$5.40	5.90

Sewed loop, made up 21 in. Roller buckle.

Nos.	4H2200-¾	4H2200-1	4H2200-1½
Size, in.	¾	1	1½
Wt. doz., lbs.	2¾	2¾	3
Per dozen	\$4.40	4.80	5.10



Twin loop, made up 24 in. Roller buckle.

Nos.	2222-1	2222-1½
Size, in.	1	1½
Wt. dozen, lbs.	3	3½
Per dozen	\$4.00	4.50

Twin loop, made up 21 in. Roller buckle.

Nos.	4H2221-¾	4H2221-1
Size, in.	¾	1
Wt. dozen, lbs.	2¾	3
Per dozen	\$3.20	3.60

No. 4H2219-1—1 in. size; as above, but cheaper grade\$2.70

TEAM CROWN PIECES



Square roller buckle, leather loop sewed on.

Nos.	4H1880-¾	4H1880-¾
Size, in.	¾	¾
Wt. dozen, lbs.	3¾	4½
Per dozen	\$6.60	6.80

All above, open stock.

HARNESS STRAP WORK

TEAM SIDE STRAPS



Reversible, with snap and buckle. Japanned trim.

Per dozen pairs
No. 4H2301—1½ in. size; wt. per dozen pairs 16 lbs.....\$18.40

CHECK-UP STRAPS



With snap on both ends. Roller buckle, leather loops. Japanned trim.

Nos.	H2025-¾	H2025-1
Size, in.	¾	1
Wt. per dozen, lbs.	4¾	5¼
Per dozen	\$6.70	7.10

REPAIR BILLETS



Smooth, round edge harness leather. No buckles required. Leather loop. Japanned trim.

Nos.	H1775-1¼	H1775-1½
Size, in.	1¼	1½
Wt. dozen, lbs.	3¾	4¼
Per dozen	\$6.90	7.70

TEAM TRACES



6 ft. long, for bolt hames. 1½ in. billets with safe. No dee on keeper. Two row stitched.

Per set
No. 4H3259-1½—1½ in.; wt. per set 17¾ lbs.....\$20.10
No. 4H3259-1¾—1¾ in., as above but three row stitched 22.20



6 ft. long with safe, no dee on keeper. Made for clip hames, with swivel heel chain. 1½ in. billets. Two row stitched.

Per set
No. 4H3258-1½—1½ in.; wt. per set 15½ lbs.\$18.50
No. 4H3258-1¾—1¾ in., as above, but three row stitched 20.30

TEAM LINES



Machine sewed, with riveted laps. Japanned trim.

Nos.	4H2770A	4H2770B	4H2770C	4H2770D
Size	1 in. x 18 ft.	1 in. x 20 ft.	1½ in. x 18 ft.	1½ in. x 20 ft.
Per set ...	\$7.25	7.75	8.00	8.70

Average weight per set 6¼ pounds.

All above, open stock.

Note—All strap work shown on this and the preceding pages is carefully made up from No. 1 selected black harness leather and well finished.

HARNESS STRAP WORK

TEAM LINES



Machine sewed. Japanned trim.

Nos.	4H2750A	4H2750B	4H2750C	4H2750D
Size	1 in. x 18 ft.	1 in. x 20 ft.	1½ in. x 18 ft.	1½ in. x 20 ft.
Per set ..	\$6.10	6.50	6.70	7.25

Average weight per set 6¼ pounds.

HITCHING STRAPS



With metal loop.

No. 4H3355-7—7 Feet Long				
Size, in.	¾	¾	1	
Per dozen	\$5.90	6.90	7.90	

No. 4H3355-8—8 Feet Long				
Size, in.	¾	¾	1	
Per dozen	\$6.70	7.80	8.90	

Average weight per dozen 5 pounds.

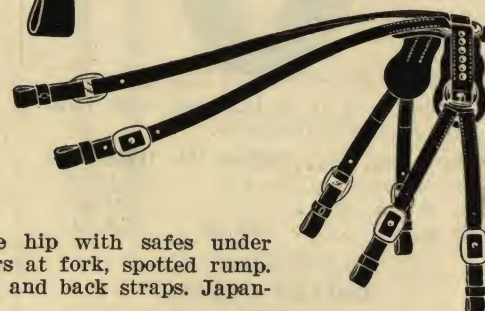
TEAM HIP AND BACK STRAPS



Bar buckles. 1½ in. back strap running to pad. 1½ in. hip straps. Scalloped safes. Folded crupper to buckle on. Japanned trim.

Per set
No. H4079—Wt. set 5 lbs....\$7.90

No. H4079



Three ring style hip with safes under rings, trace carriers at fork, spotted rump. 1½ in. reverse hip and back straps. Japanned trim.

No. H4095

Per set
No. H4095—Wt. per set 6 lbs.\$10.70
No. H4095-1¼—As above, but with 1¼ in. reverse hip and back straps 11.50

SINGLE STRAP BODIES



2¼ in. wide, 1¼ in. layer, less lead-ups. With rings.

Per set
No. H4043—Breeching; wt. per set 3½ lbs.\$4.70

TEAM TURNBACKS

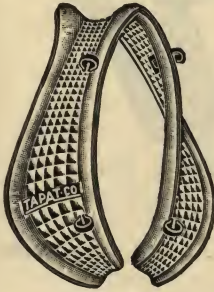


1 in. back strap running to pad, folded crupper to buckle on. Japanned trim.

Per dozen
No. H2378—Weight per dozen 12¾ lbs.\$21.00
All above, open stock.

SWEAT PADS

OLD GOLD, RED EDGE



3.95 old gold drill back and face; composite stuffing; four rustproofed red hooks, five rows quilting.

A strip of red felt (not pinked) is inserted in and extends around outer edge adding to appearance.

No. 12S—12 in. draft.

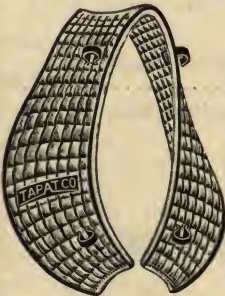
Size, in.	19	20	21	22
Per dozen	\$8.90	8.90	9.20	9.50

Size, in.	23	24	25	26
Per dozen	\$9.80	10.10	10.40	10.70

Average weight per dozen 29 pounds.

One dozen in a carton.

THINNER PADS, BLUE & WHITE



3.95 blue drill back and white drill face, composite stuffing, four rustproofed red hooks, seven rows quilting. Red felt edge.

Meets the demand for a pad not so thick and full as the regular.

Stuffed light and the seven rows of quilting make it firm and thin.

No. T166N11—11 in. draft.

Size, in.	19	20	21	22
Per dozen	\$8.50	8.70	9.00	9.30

Size, in.	23	24	25	26
Per dozen	\$9.60	9.90	10.20	10.50

Average weight per dozen 26 lbs.

One dozen in a carton.

THINNER PADS, ENAMEL FACE



3.50 brown drill back, heavy enamel drill face, composite stuffing, four rustproofed red hooks, seven rows quilting.

Designed to meet the demand for a pad not so thick and full as regular.

Stuffed light and the seven rows of quilting make it firm and thin.

No. TS148N11—11 in. draft.

Size, in.	19	20	21	22
Per dozen	\$11.50	11.50	11.50	11.50

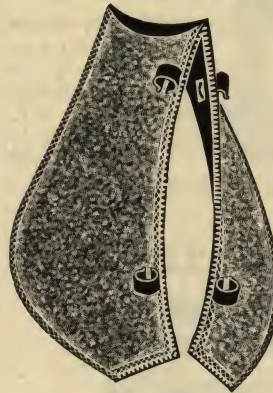
Size, in.	23	24	25	26
Per dozen	\$11.50	11.50	11.50	11.50

Average weight per dozen 30 pounds.

One dozen in a carton.

SWEAT COLLAR PADS

TAPATCO FELT



Heavy 5-ply felted fabric, reinforced with two layers of burlap. Enamelled drill facing, securely stitched to pad. Shaped top fits snugly under collar.

Four japaned hooks.

No. 710—10 in. draft.

Size, in.	19	20	21	22
Per dozen	\$11.00	11.00	11.00	11.00

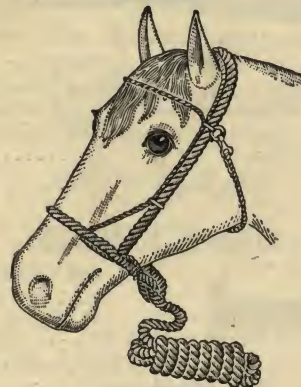
Size, in.	23	24	25
Per dozen	\$11.00	11.00	11.00

Average weight per dozen 20 pounds.

One dozen in a carton.

ROPE HALTERS

RUGG



Sisal

With nose support and patent chin loop.

Per dozen

No. 718— $\frac{5}{8}$ in. three strand sisal rope, red color with yellow trimmings, wire clamps used at throat; weight per dozen 8 lbs..\$4.50

No. 714— $\frac{1}{2}$ in. rope, otherwise same as No. 718; weight per dozen 7 $\frac{1}{2}$ lbs. 4.20

Open stock.



Woven

One-piece, solid throughout. Ideal for shippers. Plain sisal.

Per dozen

No. 446—Weight per dozen 7 lbs..\$4.70

Open stock.

ROPE HALTER LEADS

TAPER TIES



Tapered Manila

With loop and solid end.

7 $\frac{1}{2}$ ft. long.

Per dozen

No. 120— $\frac{3}{4}$ in.\$2.20

No. 130— $\frac{7}{8}$ in. 2.60

Average weight per dozen 6 $\frac{3}{4}$ pounds.

One dozen in a bundle.

CURRY COMBS

NORTH & JUDD

Closed Back



Sheet steel; heavy malleable iron mane comb with $\frac{3}{4}$ inch teeth. Bronze lacquered finish.

Black enameled handle.

Per dozen

No. 532—6 bars; wt. per dozen 7 $\frac{3}{4}$ lbs.\$4.00

One dozen in a box.

Reversible



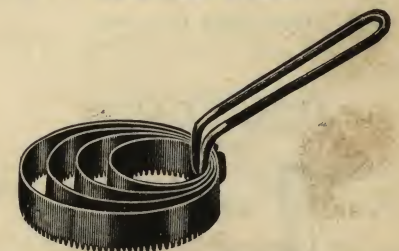
Quickly and easily reversed by a pull on the handle and twisting. Both sides may be used. One side has sharp teeth, other side smoothly rounded.

Per dozen

No. 15J—Finest spring steel, well braced; heavy shank passes through enameled handle; 4 $\frac{1}{2}$ in. diameter; lacquered finish; weight per doz. 6 $\frac{1}{4}$ lbs.\$3.00

One dozen in a box.

W-K ALL STEEL



High quality flexible spring steel, wire handle, non-reversible.

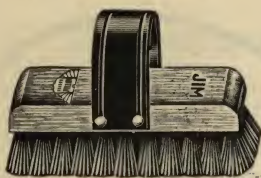
Per dozen

No. 25—Weight per dozen 5 lbs....\$1.60

One dozen in a box.

HORSE BRUSHES

NATIONAL

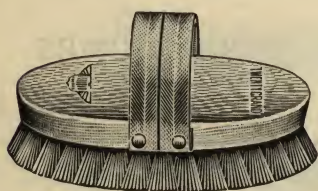


Jim

Per dozen

No. 5—Selected palmyra fibre; 7x 2¾ in. hand buffed square end block, 5x11 rows trimmed 1½ in. out of block, genuine leather strap; wt. per doz. 7½ lbs. ...\$4.50

One dozen in a box.



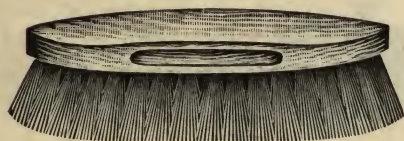
Twenty Grand

Per dozen

No. 4TG—Union fibre; 7½x3¾ in. sanded oval block, 6x15 rows trimmed 1¼ in. out of block, heavy web strap; wt. per dozen 7½ lbs.\$3.60

No. 5TG—Selected palmyra fibre; otherwise same as above 3.00

One dozen in a box.



Fetlock

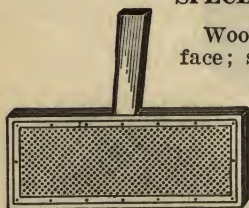
Per dozen

No. 5F—Selected Palmyra fibre; 9¾ x2½ in. pointed end oval block with finger grooves in sides, 4x 12 rows trimmed 2 in. out of block; wt. per doz. 8 lbs.\$3.60

One dozen in a box.

HORSE CARDS

SPECIAL

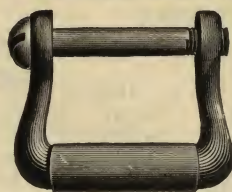


Wood back; leather face; steel wire.

No. 04—3½x5¾ in.; av. wt. per doz. 5½ lbs.\$4.50

One dozen in a box.

HAME BOTTOM LOOPS



With Screw

Per dozen
No. 978—1 in. size, for ¾ in. hame, polished finished; wt. dozen 1 ¼ lbs.\$1.00

Three dozen in a box.

HAME CLIPS



Wrought Steel; polished.

Per dozen

No. 982—¾ in., two holes; weight per dozen 2½ lbs.\$1.00
Two dozen in a box.

HAME STAPLES



Wrought Iron, Polished, with Washers

Per dozen

No. 960—¾ in., 2 in. from shank to shoulder, shank 1½ in. wide at shoulder, weight per dozen 1¾ lbs.\$0.72
Two dozen in a box.

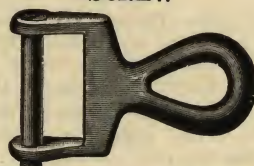
HAME RIVETS



No. 966—Polished
No. 7 wire.

Size, in. ¾ 1
Per pound .\$.26 .26

One pound in a box.

COCKEYES
SCREW

No. 465—Japanned, with Roller
Standard weight.

Size, in. 1¼ 1½ 1¾
Wt. dozen, lbs. 2 2½ 2¾
Per dozen\$1.60 1.80 2.00

Two dozen in a box.

CLIP



Japanned, with Wrought Clip

Nos.440G 440J
For trace, in. 1¼ 1½
Width clip, in. ¾ 1
Wt. dozen, lbs. 3½ 4¼
Per dozen\$2.10 2.40

One dozen in a box.

BREAST STRAP SLIDES



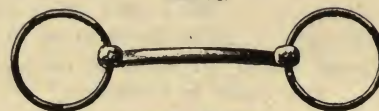
No. 403—Malleable Iron

Size, in. 1¾ 1¾
Wt. per gross, lbs. 40 49
Per dozen\$1.80 2.00

One dozen in a box.

BRIDLE BITS

RING



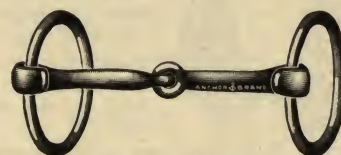
Stiff Mouth

Forged steel mouth, 2¾ in. rings. Turned over head. Cadmium plated finish.

Per dozen

No. 47X—6 in. mouth; weight per dozen 7 lbs.\$2.50

One dozen in a box.



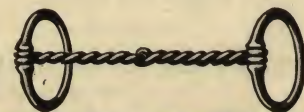
Jointed Mouth

Forged steel mouth, 2¾ in. rings. Turned over head. Cadmium plated finish.

Per dozen

No. 47½X—6 in. mouth; weight per dozen 7 lbs.\$2.50

One dozen in a box.



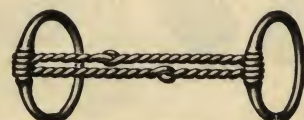
Single Wire, Jointed Mouth

Twisted wire mouth, 2½ in. malleable iron rings, cadmium plated finish.

Per dozen

No. 847½—5½ in. mouth; weight per dozen 4¾ lbs.\$5.40

One-half dozen in a box.



Double Wire, Jointed Mouth

Twisted wire mouth, 2½ in. malleable iron rings, cadmium plated finish.

Per dozen

No. 855½—5½ in. mouth; weight per dozen 5½ lbs.\$6.40

One-half dozen in a box.

HARNESS RINGS



Malleable Iron, Japanned,
No. 7 Wire Gauge

Nos.	7C	7D
Inches	$\frac{3}{4}$	$\frac{7}{8}$
Weight gross, lbs.	$2\frac{1}{4}$	$2\frac{3}{4}$
Per gross	\$2.00	2.40
Nos.	7E	7G
Inches	1	$1\frac{1}{4}$
Weight gross, lbs.	$3\frac{1}{4}$	4
Per gross	\$3.00	4.00

$\frac{3}{4}$ in., two gross; balance, one gross in a box.

BREECHING RINGS

Malleable Iron, B. & S. Gauge No. 3			
Nos.	3J	3L	3N
Inches	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Wt. gross, lbs.	$10\frac{1}{2}$	12	$12\frac{3}{4}$
Per gross	\$4.20	4.70	5.00

One-half gross in a box.

DUCK OR BABY SNAPS SWIVEL

Used for dog leads, mail bags and as decoy duck snaps. Also for general purposes.



No. 337—Cadmium Plated		
Malleable iron, rust-proof spring. 2 in. long over all.		
Size, eye, in.	$\frac{1}{4}$	$\frac{3}{8}$
Wt. per gross, lbs. ...	$3\frac{3}{4}$	4
Per gross	\$13.00	14.40

One gross in a box.



Cadmium Plated

Malleable iron, rust-proof spring. $2\frac{1}{2}$ in. long over all.

No. 437— $\frac{3}{8}$ in. eye; weight per gross $5\frac{1}{4}$ lbs.	Per gross
	\$13.00

One gross in a box.



Cadmium Plated

Flat spring steel snap and tongue. Wire swivel and loop. Especially suitable for dog leads.

No. 734— $\frac{3}{8}$ in. eye; weight per gross $2\frac{3}{4}$ lbs.	Per gross
	\$6.30

Two gross in a box.

HARNESS SNAPS BIT



Cadmium Plated

Malleable iron, rustproof steel spring.

No. 421—Length over all $2\frac{1}{4}$ in.; weight per gross $10\frac{1}{2}$ lbs.	Per gross
	\$9.00
One-half gross in a box.	

ROPE



No. 202—Cadmium Plated

Malleable iron, round eye, flat aluminum steel spring.

Size eye, in.	$\frac{5}{8}$	$\frac{3}{4}$
Wt. per gross, lbs. ...	11	12
Per gross	\$14.00	14.70

One-half gross in a box.

SURE-FAST



No. 290—Cadmium Plated

Malleable iron, square eye, flat aluminum steel spring; lock tongue.

Size, in.	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$
Wt. gross, lbs.	$10\frac{3}{4}$	$12\frac{1}{4}$	$13\frac{1}{4}$	14
Per gross	\$6.50	6.50	6.50	8.00
Size, in.	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Wt. gross, lbs.	$22\frac{3}{4}$	24	$29\frac{1}{4}$	$33\frac{1}{4}$
Per gross	\$10.00	11.00	12.00	14.00

$\frac{3}{4}$ to 1 in. sizes, one-half gross; balance, one-quarter gross in a box.

DIXIE BOLT



Cadmium Plated

Malleable iron; "Neverstick" bolt, round eye; brass wire spiral spring.

No. 125— $\frac{3}{4}$ in. eye; wt. per gross $15\frac{1}{2}$ lbs.	Per gross
	\$16.70
One-half gross in a box.	

SWIVEL BOLT



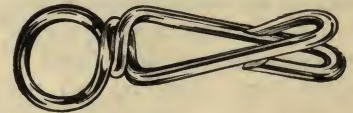
No. 225—Cadmium Plated

Malleable iron; round eye, brass wire spring.

Size eye, in.	$\frac{5}{8}$	$\frac{3}{4}$
Wt. gross, lbs.	18	19
Per gross	\$24.00	27.00

One-half gross in a box.

HARNESS SNAPS KLING SNAPS



Cadmium Plated

Spring steel wire; with round twisted eye.

No. 1508— $\frac{3}{4}$ in. eye; weight per gross $13\frac{1}{2}$ lbs.	Per gross
	\$7.20
One-half gross in a box.	

BREAST STRAP SNAPS



No. 85—Cadmium Plated

Malleable iron; pressed steel spring lock, bronzed roller; riveted.

Size, in.	$1\frac{1}{2}$	$1\frac{3}{4}$
Wt. doz., lbs.	8	9
Per dozen	\$4.70	5.20

One dozen in a box.

BREAST CHAINS AJAX



No. 154—Polished Finish

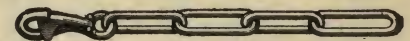
Double end snaps and one center snap attached. Adjustable. Twisted links.

Lengths, in.	28	32
Wt. doz. pairs, lbs.	56	62
Per dozen pairs	\$24.50	27.00

One-sixth dozen pairs in a box.

HEEL CHAINS

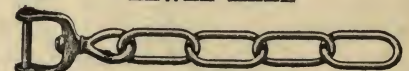
ELWEL HANDY, HEEL OR TRACE



Polished; snap on one end. $\frac{5}{8}$ inch wire; 4 links.

No. 57—16 in. long; weight per dozen 12 lbs.	Per dozen
	\$5.20
Two dozen in a bag.	

ELWEL HEEL

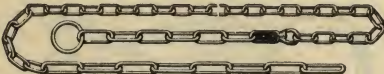


No. 45— $\frac{5}{8}$ in. wire; screw and swivel dees, bright finish; 6 links.

Size dee, in.	$1\frac{1}{2}$	$1\frac{3}{4}$
Wt. doz., lbs.	15	15
Per dozen	\$5.50	6.00

Two dozen in a bag.

TRACE CHAINS
ELWEL

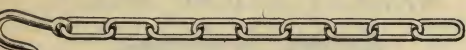


Straight links, with ring and swivel; bright finish.

Nos.	6½	7
Length, ft.	6½	7
No. Links per ft.	8	8
Gauge, Nos.	2	2
Wt. pair, lbs.	6¾	7
Per pair	\$1.50	1.60

Six pairs in a bag.

WAGON STAY CHAINS



Straight Links, Black Finish

Nos.	26½	26¾
Length, in.	26	26
Size chain, in.	½	¾
Wt. pair, lbs.	4.65	6.10
Per pair	\$1.10	1.30

Open stock.

ANTI-SPREADER CHAINS
TENSO



Used to prevent spreading of wagon box when loaded. Complete with lock and two ½x1½ in. eyebolts. Bright finish.

Per dozen sets

No. 20—Size 2/0 chain, 38 in. long; weight each ½ lb.\$4.80

Open stock.

COW TIES
EL-WEL-CO-TI (OHIO PATTERN)

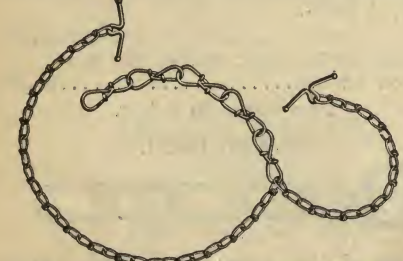


Straight Link; Bright Finish; Swivel and Two Toggles; 4½ Ft. Long

Nos.	00E	000E
Gauge, Nos.	6	5
Wt. per doz., lbs.	16	19
Per dozen	\$4.80	5.60

One-half dozen in a box.

TENSO SPECIAL (OHIO PATTERN)



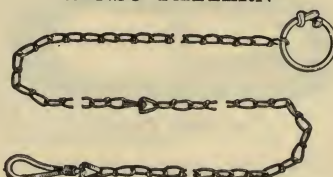
Weldless Steel Wire, Bright Finish With two toggles.

Per dozen

No. 00TS—Size 2/0, No. 10 ga., 4½ ft. long; wt. doz: 13 lbs:\$3.60

One dozen in a cloth bag.

TIE OUT OR PICKET CHAINS
TENSO PATTERN



Rustproof Steel Wire; Patent Links Galvanized finish; equipped with ring, swivel snap and extra swivel every 10 feet.

20 Foot Lengths

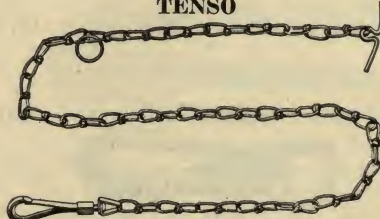
Nos.	0-20
Gauge, Nos.	11
Wt. doz., lbs.	34
Per dozen	\$9.00

30 Foot Lengths

Nos.	0-30	00-30
Gauge, Nos.	11	10
Wt. doz., lbs.	49	60
Per dozen	\$12.40	16.00

One chain in a cloth bag.

HALTER AND DOG CHAINS
TENSO



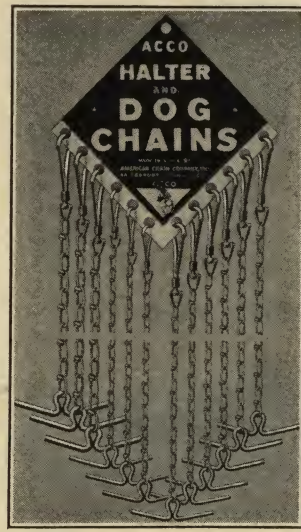
Galvanized finish. Fitted with welded ring, wire toggle and snap.

6 ft. Long

Nos.	2/0	1	3	5
Gauge, No.	10	12	14	16
Wt. dozen, lbs.	12	7	4	2½
Per dozen	\$4.80	3.60	3.40	3.20

No. 2/0 halter chain, one-half dozen; Nos. 1 to 5 dog chains, one dozen in a carton.

DOG CHAIN ASSORTMENTS
ACCO



Consists of one dozen Tensos Nickel plated dog chains with swivel snap and toggle, as follows:

1—No. 6—6 ft.

1—No. 5—4½ ft.

1—No. 4—4½ ft.

3—No. 4—6 ft.

2—No. 2—4½ ft.

3—No. 2—6 ft.

1—No. 1—6 ft.

(Nos. as given above are size wire).

Per assortment

Special-Assortment; wt. per assortment 5 lbs.\$4.20

One assortment in a carton.

PORCH SWING CHAINS
TENSO, "Y" PATTERN



These chains are used on porch or swinging settees. The upper or main branch can be secured to a hook in the ceiling while the two short branches are fastened to the base or arm of the swing.

Hot Galvanized Rustproof Finish

Per set

No. 201—No. 2/0-5 ft. leader of 10 gauge wire, No. 1/0-2½ ft. branches of 11 gauge wire, length over all 7½ ft.; wt. per doz. sets 47 lbs.\$1.00

A set consists of two Y chains and two ceiling hooks.

One set in a carton.

PUMP CHAIN



(Full size cut of No. 6P)

Hot Galvanized Finish

Open link.

Nos.	5P	6P
Size wire, in. ....	.207	.292
Wt. per 100, lbs.	32	27
Per lb.	\$0.15	.15

100 feet in a cloth bag.

SAFETY OR PLUMBERS' CHAIN

Illustrations full size



No. 1



No. 0



No. 00

Solid brass stamped links. For plumbing fixtures, hanging pictures, etc.

Brass

Nos.	1B	0B	00B
Per box	\$3.00	2.40	1.90

50 feet in a box.

Brass, Nickel Plated

Nos.	1N	00N
Per box	\$3.40	2.10

50 feet in a box.

FURNACE CHAIN



Heavy flat link; for furnace regulators, doors, etc. Copperd finish.

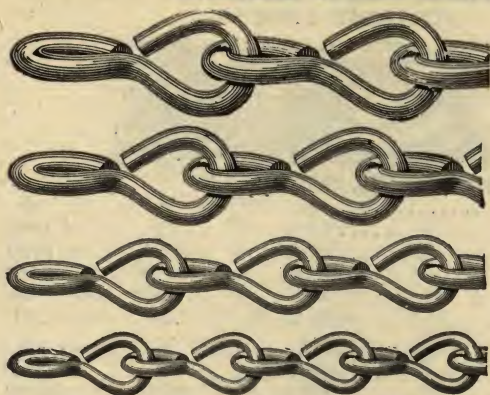
Per box

No. 91—Size 0; wt. per 100 ft. 3 lbs.\$1.50

50 ft. in a box.

SINGLE JACK CHAIN

Cuts full size.



No. 8

No. 10

No. 12

No. 14

Bright Steel

Nos.	8	10	12	14
Wt. per box, lbs.	11½	7½	4½	2½
Per box	\$1.70	1.40	1.20	1.00

50 feet in a box.

Brass

Nos.	12B	14B
Wt. per box, lbs.	4¾	2¾
Per box	\$4.00	2.80

50 feet in a box.

SASH CHAIN



Regular, Flat Link

Best quality .035 ga. copper bearing steel. For single sash weighing not over 100 pounds. Has a tensile strength of 500 pounds. Per 100 feet

No. 35C—Coppered finish\$3.80

No. 35G—Galvanized, S. R. P., finish 4.00

500 ft. on a reel; weight per reel 30 pounds.



Light, Flat Link

Runs over any cord pulley and may be used in large buildings or small homes for double hung sash up to 40 pounds.

Per bag

No. 8—.035 ga. rustproof galvanized steel; wt. per bag 8 lbs.\$2.80

Put up 100 feet of chain in a bag, with fixtures for seven complete windows.

SASH CHAIN FASTENERS

All steel, coppered

One set of fasteners is required for hanging window of two sashes and consists of four hooks, four rings and four irons.

Per set

No. 80—For any size sash chain, for windows of two sashes\$0.17

Twenty-five sets in a box.



WIRE COIL CHAIN LOCK LINK WELDLESS



Actual
Size
No.
3/0

Galvanized, S. R. P. Finish

Per reel

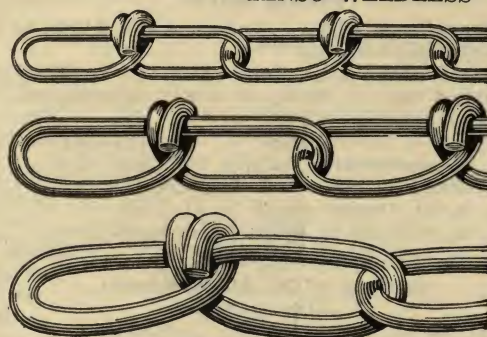
No. 3/0—9 ga., tensile strength 1753 lbs.; wt. per reel 35 lbs.\$11.00

125 feet on a reel.

WIRE COIL CHAIN

TENSO WELDLESS

Cuts full size



No. 3

No. 1

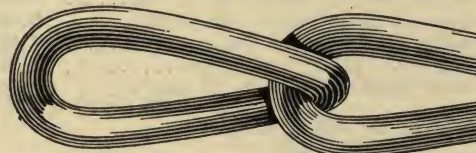
No. 2/0

Used for porch swings, hammocks, cow ties, picket chain and for halters, dog chain and general use.

Galvanized, S. R. P. Finish

Nos.	3	1	2/0
Ga., No.	14	12	10
Tensile strength, lbs.	375	785	1205
Wt. per 100 ft., lbs.	5¾	10	17
Per 250 ft. reel ....	\$....	....	....
Per 350 ft. reel ....	....	....	....
Per 250 ft. box ....	....	....	....
Per 100 ft. carton	3.90	4.30	5.50

ELWEL (ELECTRIC WELDED) TWIST LINK



Actual size

No.
2/0

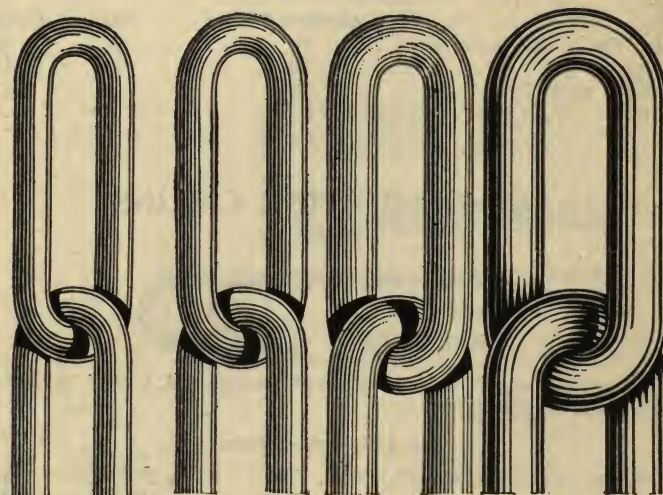
Bright Finish

Nos.	2/0	3/0
Ga., No.	6	5
Size, in.	1½	1¼
No. links per foot	8¾	8¾
Tensile strength, lbs.	1430	1670
Wt. per 100 ft., lbs.	28	33
Per 100 ft.	\$7.50	8.00

100 feet in a carton.

ELWEL (ELECTRIC WELDED) STRAIGHT LINK

Illustrations actual size



No. 2/0

No. 3/0

No. 5/0

No. 7/0

Bright Finish

Nos.	2/0	3/0	5/0	7/0
Ga., No.	6	5	....	....
Size, in.	1½	1¼	¾	¾
No. links per ft.	8¾	8½	8¼	7½
Tensile strength, lbs.	1430	1670	2530	4050
Wt. per 100 ft., lbs.	27	32	47	80
Per 100 feet	\$7.50	8.00	10.50	17.50

2/0 to 5/0, 100 ft. in a carton; 7/0 in 100 ft. lengths, bulk.

ACCO CHAIN ASSORTMENTS

FLOOR RACK

Provides a silent salesman for 7 kinds or sizes of Acco chain.

Dark olive green body with 4-color lithographed sign. Made of heavy sheet metal, welded together.

Per assortment

No. 1-Assortment—Contains 1075 feet of chain as described below, with a metal display stand 54 in. high, 15 in. wide, 16 in. deep; wt. of stand 35 lbs.; wt. of chain 144 lbs.....\$60.00

Contents of No. 1 Assortment:

One each—

200 ft. reel No. 0 Brass Safety chain.
200 ft. reel No. 16 Double Jack chain, galvanized, S. R. P.
200 ft. reel No. 3 Tenso Pattern chain, galvanized, S. R. P.
175 ft. reel No. 2/0 Tenso Pattern chain, galvanized, S. R. P.
100 ft. reel No. 35 Sash chain, galvanized, S. R. P.
75 ft. reel No. 2/0 Machine chain, bright.
125 ft. reel No. 3/0 Lock Link chain, galvanized, S. R. P.

REFILLS FOR No. 1 ACCO CHAIN RACK

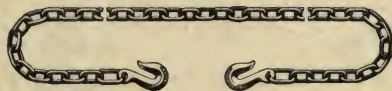
Per reel

200 ft. reel No. 0 Brass safety chain; wt. 5 lbs.\$ 9.60
200 ft. reel No. 16 Double Jack chain; wt. 9 lbs. 4.70
200 ft. reel No. 3 Tenso Pattern chain; wt. 43 lbs..... 7.80
175 ft. reel No. 2/0 Tenso Pattern chain; wt. 35 lbs..... 9.50
100 ft. reel No. 35 Sash chain; wt. 7 lbs..... 4.00
75 ft. reel No. 2/0 Machine chain; wt. 27 lbs..... 8.40
125 ft. reel No. 3/0 Lock Link chain; wt. 35 lbs. 11.00

We Do Not Break Reels.

UTILITY OR TOW CHAINS

ACCO



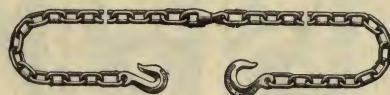
A strong, straight link welded chain of high grade steel, with a sturdy grab hook on each end. A handy, general utility chain suitable for use in the garage, on the farm, in mills and factories, etc.

	Cadmium Plated	Natural Finish
Size chain, in.	$\frac{1}{8}$	$\frac{1}{8}$ $\frac{3}{8}$
Length, feet	10	12 14
Weight each, lbs.	10	12 17
Each	\$2.40	2.40 3.80

One in a bag.

LOG OR BINDING CHAINS

ACCO



Short link steel chain; grab hook on one end, swivel in center, slip hook on other end.

No. 120—Self-Colored

Size, in.	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$
Length, ft.	12	12	14
I. D. links, in.	$1\frac{1}{2}$	$1\frac{1}{2} \times \frac{1}{2}$	$1\frac{1}{2} \times \frac{1}{2}$
Wt. each, lbs.	9	13	15
Each	\$2.40	3.40	3.80

Size, in.	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$
Length, ft.	12	14	16
I. D. links, in.	$1\frac{1}{2} \times \frac{5}{8}$	$1\frac{1}{2} \times \frac{5}{8}$	$1\frac{1}{2} \times \frac{1}{2}$
Wt. each, lbs.	20	23	44
Each	\$4.60	5.30	9.60

Open stock.

CABLE COIL CHAIN

STRAIGHT LINK



Proof Quality, Self-Colored

Size, in.	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$
No. links per ft.	12 $\frac{1}{2}$	12	10 $\frac{3}{4}$
Proof test, lbs.	1045	1800	2720
Av. break. test, lbs.	2090	3600	5440
Wt. 100 ft., lbs.	40	70	105
Per lb.	\$0.27	.26	.24
Size, in.	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$
No. links per ft.	9 $\frac{3}{4}$	8	6 $\frac{3}{8}$
Proof test, lbs.	3720	6600	10000
Av. break. test, lbs.	7440	13200	20000
Wt. 100 ft., lbs.	158	275	410
Per lb.	\$0.21	.20	.20

Note—Safe working load should be about one-fourth breaking test pounds.

Cut to length.

MACHINE CHAIN

ELWEL, TWIST LINK



For windmills, machines, agricultural and industrial work. Electric welded.

Bright Finish

Size, Nos.	1/0	2/0	3/0	5/0
Gauge, No.	7	6	5	4
Size, in.	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$
Links per ft.	17 $\frac{1}{2}$	16 $\frac{1}{2}$	15	14
Ten. strength, lbs.	1310	1510	1760	2660
Wt. per 100 ft., lbs.	29	34	40	64
Per 100 ft.	\$10.80	11.20	11.60	19.30

100 ft. in a carton.

TRUCK CHAIN

ELWEL, TWIST LINK

For truck cross chains.

Bright Finish

Size, Nos.	7/0	9/0
Size, in.	$\frac{1}{2}$	$\frac{3}{8}$
Links per ft.	10 $\frac{1}{4}$	9 $\frac{1}{4}$
Ten. strength, lbs.	4260	6060
Wt. per 100 ft., lbs.	94	136
Per 100 ft.	\$28.00	37.00

Bulk lengths of 100 feet. Will cut to length.

CHAIN HOOKS

Drop Forged

Self
Colored.

Properly
shaped.



Slip



Grab

	SLIP		GRAB	
Nos.	21	22	23	25
Chain size, in.	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$
Reach, inches	2 $\frac{1}{4}$	2 $\frac{5}{8}$	3 $\frac{1}{8}$	3 $\frac{3}{4}$
Hole in eye, inches	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{5}{8}$
Wt. per 100, lbs.	20	33	61	134
Per dozen	\$1.50	2.00	2.70	4.80

Open stock

GRAB

Nos.	41	42	43	45	46
Chain size, in.	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$
Reach, in.	2	2 $\frac{1}{2}$	2 $\frac{1}{8}$	3 $\frac{1}{8}$	4 $\frac{1}{8}$
Hole in eye, inches	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Weight per 100, lbs.	28	50	90	170	350
Per dozen	\$1.50	2.00	2.70	4.80	9.20

Open stock.

CHAIN REPAIR LINKS LAP



No. 2530—Hinged Malleable Iron,
Polished

Size, in.	$\frac{1}{4}$	$\frac{5}{8}$	$\frac{3}{4}$
Eye, in.	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$
Length inside, in.	$1\frac{3}{8}$	$1\frac{5}{8}$	$1\frac{7}{8}$
Wt. dozen, lbs.	$1\frac{1}{4}$	$2\frac{1}{4}$	3
Per dozen	\$1.44	1.50	2.00

Size, in.	$\frac{1}{2}$	$\frac{5}{8}$
Eye, in.	$\frac{3}{4}$	$\frac{7}{8}$
Length inside, in.	$2\frac{5}{8}$	3
Wt. dozen, lbs.	$7\frac{1}{2}$	$11\frac{1}{2}$
Per dozen	\$4.00	7.00

MISSING LINK



No. S335—Drop Forged Steel

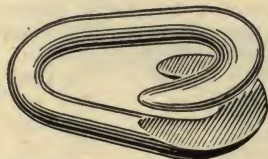
Interlocking lug type. Stronger than proof coil chain. Self-colored.

Size, in.	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{5}{8}$	$\frac{3}{4}$
Length, in.	$1\frac{1}{8}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$2\frac{1}{8}$
Width, in.	$\frac{3}{4}$	1	$1\frac{1}{8}$	$1\frac{1}{2}$
Test, lbs.	2020	5580	8300	11,200
Wt. doz., lbs.	$\frac{3}{8}$	$\frac{3}{4}$	1	2
Per dozen	\$1.60	1.60	1.60	1.60

Size, in.	$\frac{1}{8}$	$\frac{1}{2}$	$\frac{5}{8}$
Length, in.	$2\frac{3}{8}$	$2\frac{5}{8}$	$3\frac{3}{8}$
Width, in.	$1\frac{1}{2}$	$1\frac{3}{4}$	$2\frac{3}{8}$
Test, lbs.	13,980	15,900	23,900
Wt. doz., lbs.	$3\frac{3}{8}$	$4\frac{1}{2}$	9
Per dozen	\$2.40	2.70	4.30

One dozen in a box.

TRACE REPAIR



Provide a simple and convenient means of joining chain, or for attaching end links, swivels, hooks, rings, etc., to traces and other small chains.

Wrought Steel, Bright Finish

Size, in.	$(\frac{3}{4})$	$(\frac{1}{4})$	$\frac{1}{8}$	$\frac{3}{8}$
Lgth., inside, in.	10-3	10-2	$1\frac{1}{2}$	$1\frac{5}{8}$
Width, inside, in.	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{3}{4}$
Gross in carton.	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{8}$
Wt. gross, lbs.	8	11	21	31
Per gross	\$2.90	3.20	5.60	8.30

LAP, END OPENING



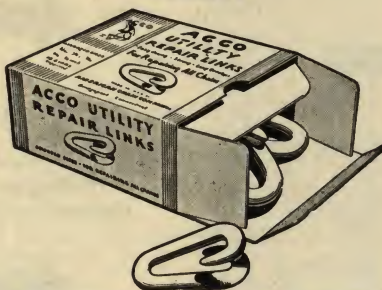
Larger size, for heavier chain and may be welded if desired. Make a well shaped link and eliminate forming.

Wrought Steel, Bright Finish

Size, in.	$\frac{1}{2} \times 2\frac{1}{2}$
Inside length $2\frac{1}{2}$ in., inside width 1 in.; wt. per dozen	
6 lbs.	\$1.60

Open stock.

REPAIR LINK ASSORTMENTS UTILITY



For repairing chains of all kinds.

Coppered Finish

Per dozen assortments

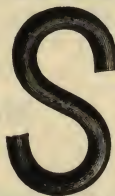
No. 130—Assortment consists of 12 links of assorted popular sizes as enumerated below, put up in a carton; wt. per dozen cartons 18 lbs. \$4.00

Contents of Assortment:

2 only	10-3, $\frac{3}{4}$ inch
4 only	10-2, $\frac{1}{4}$ inch
2 only	10-1, $\frac{3}{8}$ inch
2 only	$\frac{1}{8} \times 1\frac{1}{2}$ inch
2 only	$\frac{3}{8} \times 1\frac{1}{8}$ inch

One dozen assortments in a box.

CONNECTOR OR S HOOKS



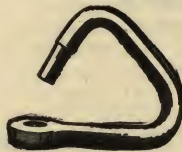
Strong steel wire. For general repairs, connections and attachments.

Sherardized rustproof galvanized finish.

Nos.	6	8	110	98
Gauge, wire.	6	10	3	$\frac{1}{8}$ in.
Length, in.	$1\frac{5}{8}$	$1\frac{3}{8}$	2	$2\frac{5}{8}$
Wt. gross, lbs.	$4\frac{1}{2}$	$1\frac{1}{4}$	$7\frac{1}{2}$	17
Per dozen	\$0.11	.09	.16 $\frac{1}{2}$	.30

One-half gross in a box.

COLD SHUTS



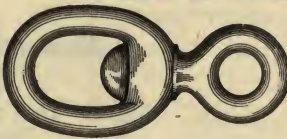
Wrought; with shoulder.

Natural finish.

Size, in.	$\frac{1}{4}$	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{2}$
Lgth., inside, in.	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{5}{8}$
Width inside, in.	$\frac{1}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Wt. per 100, lbs.	$6\frac{1}{2}$	11	18	42
Per dozen	\$0.70	.70	.80	1.20

Open stock.

CHAIN SWIVELS LOG OR UTILITY



Malleable iron. Strong and works freely.

Natural finish.

Nos.	2520C	2520E	2525C	2525E
Chain, in.	$\frac{1}{4}$	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{2}$
Reach, in.	$2\frac{1}{8}$	$2\frac{1}{2}$	$3\frac{3}{8}$	$3\frac{5}{8}$
Eye, in.	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{2}$	$\frac{1}{8}$
Wt. 100, lbs.	21	32	61	93
Per dozen	\$1.25	1.90	2.30	4.00

Open stock.

HORSE SHOE NAILS NORTHWESTERN



Made of very best material, cold rolled. Tapered blade, smoothly rolled sides and edges, chisel point. Easy to drive.

Regular Head

Nos.	6	7	8
Length, in.	$2\frac{1}{8}$	$2\frac{1}{4}$	$2\frac{1}{2}$
Per lb.—5 lb. boxes	\$0.56	.54	.52

UNION



A good quality nail to meet competition in the lower priced field. Well made and finished.

Regular Head

Nos.	6	7	8
Length, in.	$2\frac{1}{8}$	$2\frac{1}{4}$	$2\frac{3}{8}$
Per pound—1 lb. papers	\$0.36	.36	.34
Per pound—5 lb. papers	.34	.34	.32

HORSE SHOE CALKS RED TIP, NEVERSLIP SCREW



No. 4—Self-sharpening; high carbon steel centers surrounded by softer metal. Adapted for use on icy streets and roads. Will keep the horses from slipping under all circumstances.

Size, in.	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{1}{2}$
Wt. per 100, lbs.	$2\frac{1}{2}$	$3\frac{3}{4}$	$5\frac{1}{4}$
Per 100	\$4.50	4.50	4.50

Size, in.	$\frac{1}{8}$	$\frac{5}{8}$
Wt. per 100, lbs.	$7\frac{3}{4}$	$9\frac{1}{4}$
Per 100	\$4.50	4.50

50 in a box.

CALK TOOLS REGULAR WRENCHES



For use with Screw Calks.

Fits all sizes.

Each
Regular—Length over all 9 in.; wt. doz. $9\frac{1}{4}$ lbs. \$1.50
One in a box.

JONSON WRENCHES



For use with Screw Calks.

Fits all sizes.

Each
Jonson—Length over all 13 in.; wt. per dozen 24 lbs. \$4.00
One in a box.

WAGON AND PLOW SINGLETREES

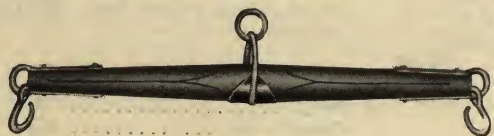
HEIDER "IRON-SHOD"

Full Length Strap; Wrought Center Clip, Ring and Hooks
Painted red, striped and varnished.

- No. 127P-Wagon—2½x36 in., selected hickory; wt. per dozen 90 lbs.\$16.60
- No. 137P-Plow—2½x30 in., selected hickory; wt. per dozen 58 lbs. 12.40

One-half dozen in a bundle.

HEIDER "STRAP END"

Short Strap Ends; Wrought Center Clip, Ring and Hooks
Painted red, striped and varnished.

- No. 229P-Plow—2½x30 in., selected hickory; wt. per dozen 48 lbs.\$10.40

One-half dozen in a bundle.

MACHINE SINGLETREES

HEIDER



With McPhail Hooks, without Center Hook

- No. 191P—28 in. selected hickory; bored in center for clevis straps; painted, striped and varnished; weight per dozen 32 lbs.\$6.00
- No. 194P—Same as above, but with center hook bolt; wt. per dozen 38 lbs. 7.20

One-half dozen in a bundle.



With Short Straps, Without Center Hook

- No. 248P—28 in. selected hickory; not bored in center; painted, striped and varnished; wt. per dozen 42 lbs. \$7.60
- No. 239P—Same as above, but with center hook bolt; weight per dozen 45 lbs. 8.80

One-half dozen in a bundle.

HEIDER "IRON-SHOD"



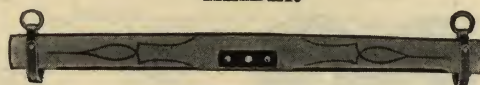
Full Length Strap, with Center Hole

- No. 140P—28 in. selected hickory; bored in center for clevis straps; painted, striped and varnished; weight per dozen 47 lbs.\$9.60

One-half dozen in a bundle.

WAGON AND PLOW DOUBLETREES

HEIDER



With Clevises

- No. 107P-Wagon—2x4x48 in., selected hickory, painted, striped and varnished; riveted steel top and bottom plated; wt. per dozen 165 lbs.\$24.00
- No. 101P-Wagon—2x4x48 in., same as above, but without clevises; wt. dozen 128 lbs. 17.40

One-third dozen in a bundle.



"Iron-Shod," with Clevises

Special full length back strap, steel top and bottom plates.

- No. 108P-Wagon—2x4x48 in., selected hickory; painted, striped and varnished; wt. per dozen 190 lbs.\$27.00
- No. 104P-Wagon—2x4x48 in., same as above but without clevises; wt. dozen 150 lbs. 20.40

One-third dozen in a bundle.



With Clevises

- No. 174P-Plow—1¾x3¾x42 in., selected hickory; painted, striped and varnished; steel clevises, wood riveted at each end; center hole; wt. per dozen 116 pounds\$16.00
- No. 171P-Plow—1¾x3¾x42 in., same as above, but without clevises; wt. per dozen 92 pounds 11.40

One-third dozen in a bundle.

MACHINE EVENERS

HEIDER TWO-HORSE



With McPhail Hook Singletrees; Painted, Striped and Varnished

Can be used on any implement for which a two-horse eveners is required; also for equipping four-horse eveners for harrows, disc harrows, gang plows, etc.

Nos.	187P	189P
Singletree, in.	28	28
Doubletree, in.	34	42
Wt. per set, lbs.	13	15
Per set	\$2.00	2.30

Three sets in a bundle.



With Strap-End Singletrees; Painted, Striped and Varnished

Nos.	286P	288P
Singletree, in.	28	28
Doubletree, in.	34	42
Wt. per set, lbs.	16	17
Per set	\$2.30	2.60

Three sets in a bundle.

With "Iron Shod" Singletrees, Full Length Strap;
Painted, Striped and Varnished

Nos.	113P	114P
Singletree, in.	28	28
Doubletree, in.	34	42
Wt. per set, lbs.	17	18
Per set	\$3.00	3.30

Three sets in a bundle.

WAGON NECKYOKES

HEIDER, IRONED



Painted red, striped and varnished.

Per dozen

- No. 141-P—2½x40 in.; selected hickory; ⅞ in. wrought iron eye bolt; ⅜ in. links with ⅝x3½ in. inside diameter center ring; 1½ in. malleable iron ferrules with ⅝x3 in. wrought iron rings; weight per dozen 95 lbs..\$21.40
- No. 143-P—2¼x44 in.; 1⅝ in. malleable iron ferrules with ⅞x3 in. wrought iron rings; otherwise same as No. 141P; weight per dozen 118 lbs..... 28.00

One-half dozen in a bundle.

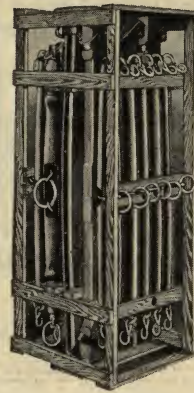
WAGON SETS

HEIDER

Selected Hickory; Painted, Striped and Varnished

Per crate of 6 sets:

- No. 163P Crate—Consists of 6 No. 108P "Iron Shod" doubletrees, 2x4x48 in., with special full length back strap; 12 No. 127P "Iron Shod" singletrees, 2⅝x36 in., with full length strap; 6 No. 141P neckyokes, 2⅝x40 in.; weight per crate 253 lbs.\$40.80



Six complete sets in a crate.

MALLEABLE CLEVISES

DOUBLETREE



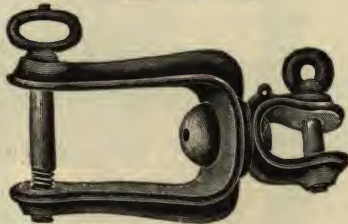
Oval Band Pattern

Malleable iron, with loop head, screw pin.

Nos.	Width inside, in.	Length over all, in.	Wt., lbs.	Per dozen
395	2	4½	12	\$2.20
400	2¼	4½	12¾	2.40
410	2½	4½	13¾	2.40
420	2	6	14¼	2.50
427	2¼	6	15½	2.70
430	2½	6	16	2.80
430AA	3	8	22	4.50

Open stock.

IDEAL SWIVEL



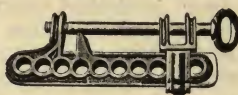
To be used on doubletree or in combination with other clevises where a swivel clevis is desired.

Malleable Iron

Per dozen

- No. 2839—¾ in. swivel clevis opening, 2¾ in. clevis opening, 4 in. in clear from center of pin; weight per dozen 24¾ lbs.....\$5.40
- Open stock.

STOWELL TYPE, CROSS



Malleable Iron

Per dozen

- Ten holes, loop head screw pin. Adjustable to fit any plow.
- No. 150—Cross bar 8½ in. long; wt. per dozen 24 lbs.....\$5.40
- Open stock.

MALLEABLE CLEVISES

END



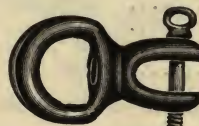
Twisted

Malleable iron, loop head screw pin.

Nos.	2820S	2821
Width inside, in.....	¾	¾
Length over all, in.....	4½	3¾
Weight per dozen, lbs...	12	9¼
Per dozen	\$2.50	1.80

Open stock.

SWIVEL END



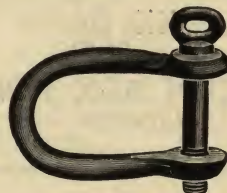
Malleable iron swivel and loop head screw pin.

Per dozen

- No. 2516—1½ in. eye, ¾ in. wide inside, 4⅝ in. long over all; wt. per dozen 12 lbs.....\$2.50
- Open stock.

STEEL CLEVISES

DOUBLETREE



Round Pattern

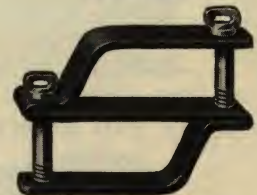
Drop forged steel, painted. ⅝ in. loop head screw pin.

Nos.	Width inside, in.	Length over all, in.	Wt., lbs.	Per dozen
12½R	2¼	4	17	\$4.00
14R	2¼	5	19	4.40
16R	2½	5	20	4.60
17R	2½	6	22	4.90
23R	2½	6	29	5.80
24½R	3	7	34	6.50

Open stock.

STEEL CLEVISES

EVENER



Flat Steel, One-Piece

Flat forged steel, painted. ⅝ in. loop head screw pin.

Per dozen

- No. 40—2¼x5 in. openings; 1¼x⅞ in. steel; weight per dozen 39 lbs.\$9.60
- Open stock.

TRACTOR



Drop Forged Steel, Cotter Pin Style Pin

Per dozen

- No. 45—1½x5 in. opening; ¾ in. round steel; ⅝ in. pin; weight per dozen 26 lbs.....\$5.50
- Open stock.

END



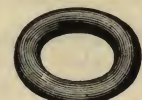
Twisted

Drop forged steel, painted. ½ in. loop head screw pin.

Per dozen

- No. 35—¾x3 in. opening; ⅝ in. round steel; weight per dozen 12 lbs.\$4.00
- Open stock.

CLEVIS LINKS OR PLOW RINGS

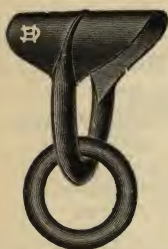


Malleable Iron

Per dozen

- No. 2800A—½ in. wire, 1⅝ in. wide inside, 3 in. long; weight per dozen 5½ lbs.....\$1.00
- Open stock.

SINGLETREE TRIMMINGS

CENTER CLIPS
WITH RINGS

Steel, Welded

For Plow Singletrees

Nos.	3520G	3520F
Round part, in.	$\frac{7}{8}$	$\frac{1}{2}$
Steel in ring, in.	$\frac{3}{8}$	$\frac{1}{8}$
Wt. per 100, lbs.	52	75
Per dozen	\$2.00	2.80

For Wagon Singletrees

Nos.	3520E	3520B
Round part, in.	$\frac{7}{8}$	$\frac{5}{8}$
Steel in ring, in.	$\frac{7}{8}$	$\frac{1}{8}$
Wt. per 100, lbs.	90	160
Per dozen	\$3.00	3.60

Open stock.

FERRULES AND HOOKS



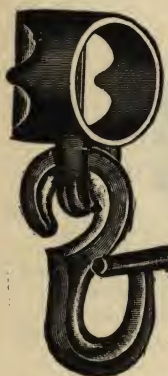
To Pull over Ferrule

Malleable iron ferrule, wrought steel hook.

	Plow	Wagon
Nos.	3550A	3550B
Diam. ferrule—		
Small end, in.	$1\frac{1}{4}$	$1\frac{3}{8}$
Large end, in.	$1\frac{1}{2}$	$1\frac{1}{2}$
Hook, in.	$\frac{3}{8}$	$\frac{3}{8}$
Wt. per 100, lbs.	61	70
Per dozen	\$2.50	2.70

Open stock.

MCPHAIL HOOKS



Drop Hook Pattern

Malleable iron.

Per dozen pairs
No. 5—Diam. of
opening $1\frac{1}{4}$ in.;
wt. per dozen
 $3\frac{5}{8}$ lbs.\$1.70

No. 6—Diam. of
opening $1\frac{3}{8}$ in.;
wt. per dozen
 $4\frac{3}{8}$ lbs. 1.70

Open stock.

HOOKS

Large Eye
Wrought Steel

Per dozen
No. 3583C— $\frac{1}{8}$ in. for
plow singletrees,
weight per 100
21 lbs.\$0.84
No. 3583B— $\frac{3}{8}$ in. for
wagon single-
trees, wt. per 100
27 lbs. 1.20
Open stock.

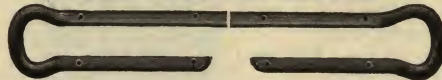
SINGLETREE TRIMMINGS

GROOVED STRAP ENDS

Wrought steel. For
plow singletrees.

Per dozen
No. 3574A— $\frac{3}{8}$ in. round part, $1\frac{1}{8}$
in. opening, $\frac{1}{4}$ in. bolt holes,
wt. dozen 33 lbs.\$1.20

FULL LENGTH STRAPS

"Iron Shod", Grooved
Wrought steel.

Per dozen
No. 3579B—For 28 in. plow single-
tree wood. $\frac{3}{8}$ in. round part,
 $1\frac{1}{4}$ in. opening, wt. per dozen
144 lbs.\$3.20
No. 3578A—For 34 in. wagon single-
tree wood, $\frac{1}{2}$ in. round part,
 $1\frac{1}{4}$ in. opening, wt. per dozen
225 lbs. 5.00

NECKYOKE TRIMMINGS



CENTER IRONS

Wrought steel

Complete

Nos.	3600C	3600B
Ring, in.	$\frac{7}{8}$	$\frac{5}{8}$
I. D., in.	$3\frac{1}{2}$	$3\frac{1}{2}$
Eyes, in.	$\frac{1}{8}$	$\frac{1}{2}$
Links, in.	$\frac{3}{8}$	$\frac{1}{8}$
Wt. per 100, lbs.	235	286
Per dozen	\$6.50	7.50

FERRULES AND RINGS

Malleable Ferrule, Steel Ring
3 in. inside diameter ring.

Nos.	3605B	3605D
Diam. ferrule—		
Small end, in.	$1\frac{3}{8}$	$1\frac{1}{2}$
Large end, in.	$1\frac{1}{2}$	$1\frac{5}{8}$
Ring, in.	$\frac{3}{8}$	$\frac{1}{8}$
Wt. 100 lbs.	61	75
Per dozen	\$2.60	3.20

WAGON BOX RODS
COMMON

Wrought nut and washer.

Narrow Track

Per dozen
No. 3120A— $\frac{3}{8}$ in. diameter, 39 in.
long; wt. per 100, 128 lbs.\$2.80

Wide Track

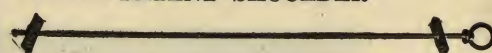
For Trucks. Per dozen
No. 3121B— $\frac{3}{8}$ in. diameter, 45 in.
long; wt. per 100, 175 lbs.\$3.20

Length given is from under eye to
point of rod.

All above, open stock.

WAGON BOX RODS

PATENT SHOULDER



Wrought nut and washer.

Narrow Track

Nos.	3103A	3103H
Diam., in.	$\frac{3}{8}$	$\frac{7}{8}$
Length, in.	39	39
Wt. per 100, lbs.	144	195
Per dozen	\$3.20	4.20

Length given is from under shoulder to
point of rod.

Open stock.

WAGON BOX ROD EXTRAS

	Per dozen
No. 3103AN— $\frac{3}{8}$ in., nuts	\$0.56
No. 3103HN— $\frac{7}{8}$ in., nuts .....	.60
No. 3103AW— $\frac{3}{8}$ in., washers .....	.44
No. 3103HW— $\frac{7}{8}$ in., washers .....	.48

Open stock.

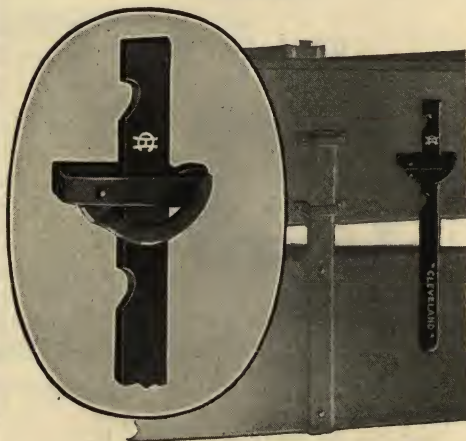
LEVER TAIL NUTS



Malleable Iron, Threaded

Nos.	3130A	3130B	3130C
For rod, in.	$\frac{3}{8}$	$\frac{1}{8}$	$\frac{1}{2}$
Length, in.	$4\frac{1}{4}$	$4\frac{1}{2}$	$4\frac{1}{2}$
Wt. doz., lbs.	$1\frac{1}{2}$	$1\frac{3}{4}$	$2\frac{1}{4}$
Per dozen	\$1.00	1.10	1.20

Open stock.

TOP BOX VENTILATOR
IRONS

Converts tight grain boxes into stock
racks, bolted to top box and wagon body.
Holds top box against wagon body or
either $2\frac{1}{2}$ in. or 5 in. away from it as
desired.

Pivoted lever is locked securely in
any one of the three notches by the
weight of the top box.

May be used on either double or triple
box.

Wrought Steel

Each
No. 3147A—18 in. long over all, $1\frac{1}{4}$
 $\times \frac{1}{8}$ in. stock, $2\frac{1}{2}$ in. between
notches, holes in strap for $\frac{1}{4}$
in. bolts; wt. each $1\frac{1}{4}$ lbs.\$0.60
Open stock.

WAGON HARDWARE BOX SIDE BRACES



Wrought Steel

Nos.	3155E	3155F	3155B
Diam., in.	1/2	1/2	1/2
Lgth., in.	12	14	15 1/2
Wt. per 100, lbs.	80	90	100
Per dozen	\$2.60	2.70	3.00

Side braces are measured from center of hole to end on a vertical line.

Open stock.

BOX STRAP BOLTS



Straight Pattern, Half Oval

Wrought steel, 3 1/4 in. shank.

Nos.	3153D	3153M
Length over all, in.	12	12
Diam. shank, in.	1/2	5/8
Wt. per set of 8, lbs.	5	6
Per set of 8	\$1.50	1.60

Nos.	3153P	3153S
Length over all, in.	14	16
Diam. shank, in.	5/8	5/8
Wt. per set of 8, lbs.	7	8
Per set of 8	\$1.80	2.10

One set of eight in a bundle.



Hooked Pattern, Half Oval

Wrought steel 3 1/4 in. shank.

No. 3154G—15 7/8 in. long including hook, 14 in. long under hook; 5/8 in. diam. shank; weight per set of 8 bolts 7 1/2 lbs.	\$2.10
One set of eight in a bundle.	

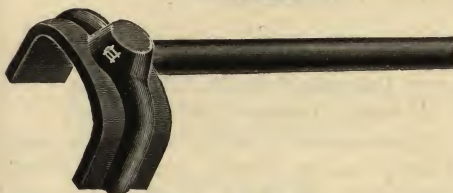
BOX IRON



Punched and Countersunk
Beveled.

No. 3185A—3/4 in. wide, No. 12 gauge thick, in 14 foot lengths	Per lb. \$0.20
Open stock.	

WRENCHES



Wrought Steel

5/8 x 9 inch shank.

Nos.	3250E	3250F
Opening, in.	2 1/4	2 3/8
Weight dozen, lbs.	17 1/2	18
Per dozen	\$4.00	4.00

No.	3250B
Opening, in.	2 1/2
Wt. dozen, lbs.	18 1/2
Per dozen	\$4.00

Open stock.

WAGON HARDWARE BOLSTER PLATES



Wrought Steel, with Collar

10 in. top plate, 12 in. bottom plate, 7/8 in. thick, 8 in. from center to center of end holes.

Nos.	3200D	3200E	3200F
Width, in.	3	3 1/4	3 1/2
For king bolt, in.	1	1 1/8	1 1/4
Wt. pair, lbs.	5 1/2	7 1/2	8 3/4
Per pair	\$1.40	1.50	1.60

Open stock.

RUB OR WEAR IRONS



Wrought Steel

No. 3165A—Length 5 1/2 in., width 2 1/2 in., 1/8 in. bead, wt. per pair	Per dozen \$2.00
2 lbs.	

Open stock.

POLE CAPS



Wrought Steel

Pole cap and hold back in one piece.

No. 3260—Heavy pattern; length over all 19 1/2 in., No. 12 gauge stock; wt. each 2 1/4 lbs.	Per dozen \$4.30
Open stock.	

BOX STAPLES



Wrought Steel, to Rivet

3/4 in. deep, 3/8 in. holes.

Nos.	3170B	3170C
Width, in.	1 3/4	2
C. to c. holes, in.	3 3/8	3 3/8
Wt. per 100, lbs.	10	10 1/4
Per lb.	\$0.24	.24

Nos.	3170D	3170E
Width, in.	2 1/4	2 1/2
C. to c. holes, in.	3 3/8	3 3/8
Wt. per 100, lbs.	10 3/4	11 1/2
Per lb.	\$0.24	.24

Open stock.

WAGON HARDWARE STAKE IRONS



For Round Tapered Stakes

Wrought steel. 3 1/2 in. square holes for 3/8 in. bolts. Holes 4 3/4 in. center to center.

Per dozen

No. 3159A—3x1 1/8 in. steel; width stake 2 5/8 in. at top and 2 1/8 in. at bottom; thickness stake 1 1/8 in. top and 1 3/4 in. at bottom; 5 5/8 in. long over all; weight per dozen 10 lbs.	\$1.70
Open stock.	



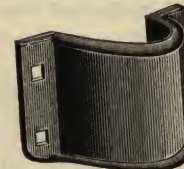
For Square Tapered Stakes

Wrought steel. 3 1/2 in. square holes. About 4 1/2 in. center to center of holes.

Per dozen

No. 3158A—3x1 1/8 in. steel; size of stake at top 3x1 1/2 in., at bottom 2 3/4 x 1 1/2 in., 5 5/8 in. long over all; wt. dozen 10 lbs.	\$1.70
Open stock.	

STAKE POCKETS

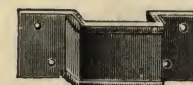


Round

Malleable iron, square holes. Beaded edge.

Per pound

No. 6010F—2 1/2 x 2 1/8 in. pocket, 2 3/4 in. deep, for 3/8 in. bolts; wt. per dozen 12 lbs.	\$0.26
Open stock.	

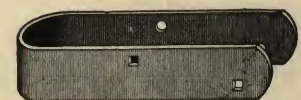


Square, Straight
Malleable iron, round holes. Beaded edge.

Per pound

No. 5995B—1 1/2 x 2 3/4 in. pocket; 2 3/4 in. deep, 7 1/4 in. long over all, for 3/8 in. bolts; wt. per dozen 21 lbs.	\$0.26
Open stock.	

HAY RACK LOOPS MONTICELLO STEEL



Made of pressed steel, painted green. Square bolt holes on one side, round holes on other side. Steel 1/8 in. thick.

Accommodates a 2x4 in. stake, rounded and tapered.

Per set of 8

No. 3—2x1 1/8 in. steel, 1 5/8 in. wide inside, 9 in. long over all; wt. per set of eight 9 lbs.	\$1.50
One set of eight loops wired together.	

SEND US YOUR MAIL ORDERS
FOR
PROMPT AND EFFICIENT
SERVICE.

FLOWER AND VINE TRELLIS

CYCLONE

Style "L-Extra" Fabric

Affords a very durable and artistic support for climbing vines and flowers; harmonizing with home surroundings.

Retains its shape perfectly, is easily and quickly placed in position and will last indefinitely.

Corrugated galvanized wire spaced 4 inches apart.

Nos.	Ⓣ T-18	T-24	Ⓣ T-30
Width, in.	18	24	30
Wt. lineal ft., lbs. . .	.58	.68	.78
Per lineal ft.	\$0.12	.13	.15
150 lineal feet in a roll.			

NOTE—Cut Lengths of Trellis, Flower Bed Border and Lawn Fence can be furnished direct from factory at an extra charge of 10%.

ORNAMENTAL LAWN FENCE

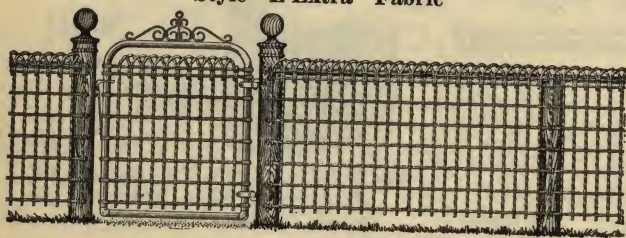
CYCLONE RED TAG

Heavily Galvanized, Full Weight Steel Wire

Firmly and uniformly woven. Picket tops are perfectly even. The ends are securely locked into the two cables. Spacing between pickets is absolutely uniform. Extra deep crimp of the picket wires forms an absolute lock for the cables and prevents their being pushed up or down on the pickets. Horizontal cable wires are 2-ply twisted with a triple twist between pickets. The cable twist is reversed on the pickets instead of between them, forming a lock on the pickets.

Especially adapted for front yard, back yard, or division fence. May be erected on wood posts and 2x4 top rail or steel posts.

Style "L-Extra" Fabric



Pickets spaced 3 in. apart from top to bottom of fence. Cables of heavy 2-ply wire spaced 6 in. apart except the two top cables which are spaced 2½ in. apart.

Nos.	L-36	L-42	Ⓣ L-48
Height, in.	36	42	48
No. of cables	7	8	9
Wt. lineal ft., lbs.	1.121	1.263	1.45
Per lineal ft.	\$0.14	.16	.18
150 lineal feet in a roll.			

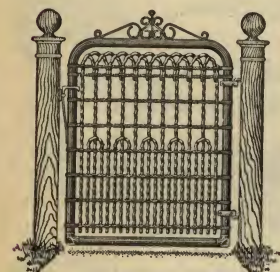
WALK GATES

CYCLONE ORNAMENTAL

Green Painted Frame and Fitting,
Galvanized Style "F" Fabric

With Fixtures for Wood Posts

Frame made of heavy high grade steel tubing, 1½ in. outside diameter. Filled with style "F" fabric to match Cyclone lawn fence shown above.



Width opening, ft.	3	3	3	Ⓣ 3½	Ⓣ 3½
Height, in.	36	42	48	36	42
Weight each, lbs.	18	20	21	19	21
Each	\$5.00	5.20	5.40	5.20	5.40
Width opening, ft.	Ⓣ 3½	Ⓣ 4	Ⓣ 4	Ⓣ 4	Ⓣ 4
Height, in.	48	36	42	48	48
Weight each, lbs.	23	21	22	24	24
Each	\$5.60	5.40	5.60	5.90	
Open stock.					

NOTE—Goods Marked Ⓣ Not Carried in Stock, but Shipped Direct from Factory.

FLOWER BED BORDER

CYCLONE REGULAR



Affords very necessary protection and at the same time imparts a neat and well-kept appearance to the premises.

Will conform to any size or shape flower bed.

No. 9 gauge wire.

Galvanized wire pickets spaced 3 in. apart. 2 ply gal-

vanized wire cables spaced 6 inches apart, except the two top cables which are spaced 2½ in. apart.

Height, in.	16	22
Number of cables	3	4
Weight per lineal ft., lbs. ....	.59	.74
Per lineal foot	\$0.09	.11

150 feet in a roll.

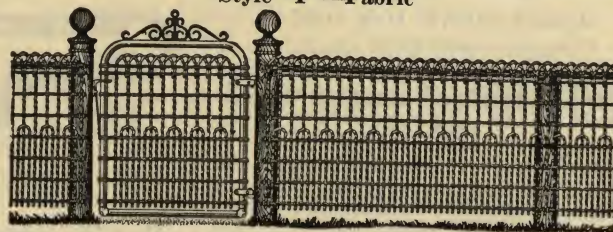
CYCLONE SPECIFICATION "B"

Identical with the cyclone regular, but made up from No. 11 gauge wire, slightly smaller and lighter.

Height, in.	16	22
Number of cables	3	4
Wt. per lineal ft., lbs. ....	.45	.58
Per lineal foot	\$0.07	.09

150 feet in a roll.

Style "F"—Fabric



Pickets spaced 3 in. apart at top, 1½ in. apart at bottom. Cables of heavy 2-ply wire spaced 6 in. apart except two top cables which are spaced 2½ in. apart.

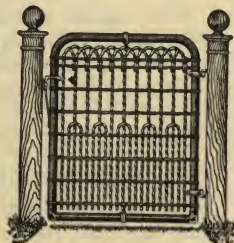
Nos.	F-36	F-42	F-48
Height, in.	36	42	48
No. of cables	7	8	9
Wt. lineal ft., lbs.	1.471	1.608	1.872
Per lineal ft.	\$0.20	.22	.25

150 lineal feet in a roll.

CYCLONE, UNIVERSAL

Green Painted Frame and Fitting,
Galvanized Style "F" Fabric
With Fixtures for Wood Posts

Frame made of heavy high grade steel tubing, 1½ in. outside diameter. Filled with style "F" fabric to match Cyclone lawn fence shown above.



Width opening, ft.	3	3	3	Ⓣ 3½	Ⓣ 3½
Height, in.	36	42	48	36	42
Weight each, lbs.	16	18	19	17	19
Each	\$4.40	4.60	4.80	4.60	4.80
Width opening, ft.	Ⓣ 3½	Ⓣ 4	Ⓣ 4	Ⓣ 4	Ⓣ 4
Height, in.	48	36	42	48	48
Weight each, lbs.	21	19	20	22	22
Each	\$5.00	4.80	5.00	5.40	
Open stock.					



POULTRY NETTING

STRAITLOK POULTRY NETTING

(MADE OF COPPER-BEARING STEEL)

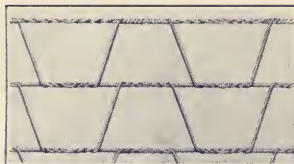


The Perfect Straight-Line Netting

*Woven like Farm Fence
Stretches perfectly to posts
Needs no top-rail, no baseboard
Saves time, labor, money
Rolls out flat
Easier to handle and cut*

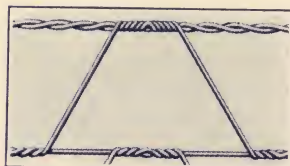
U. S. STRAITLOK Poultry Netting, with its straight, parallel line wires, its interlocking, non-slip joints, its uniformly spaced meshes and its smooth, even tension, has been the outstanding leader in its field for more than a quarter of a century.

Today it is first choice of buyers everywhere for more than 50 practical uses because of its ease of handling, its economy and its long, satisfactory service.



U. S. STRAITLOK TWO-INCH MESH

Made in two weights: No. 19 gauge and No. 20 gauge. Both furnished Galvanized Before Weaving and Galvanized After Weaving and in the following standard widths: 12, 18, 24, 30, 36, 48, 60 and 72 inches.



U. S. STRAITLOK ONE-INCH MESH

Woven out of No. 20 gauge wire. Furnished both Galvanized Before Weaving and Galvanized After Weaving and in the following standard widths: 12, 18, 24, 30, 36, 48, 60 and 72 inches.

LIST PRICES EFFECTIVE OCT, 1, 1935

These List Prices apply to all of the United States except the Pacific Coast Territory embracing the following states: California, Washington, Arizona, Oregon, Nevada and Idaho.

U. S. STRAITLOK POULTRY NETTING

SIZE	WIDTH	GALVANIZED BEFORE WEAVING		GALVANIZED AFTER WEAVING	
		List Price (150-ft. roll)	Approx. Wt. per Roll	List Price (150-ft. roll)	Approx. Wt. per Roll
1-inch No. 20 Gauge	12"	\$ 2.20	17 lbs.	\$ 2.44	18 lbs.
	18"	3.15	24 lbs.	3.51	26 lbs.
	24"	3.96	30 lbs.	4.59	34 lbs.
	30"	4.83	36 lbs.	5.69	43 lbs.
	36"	5.73	43 lbs.	6.67	50 lbs.
	42"	6.57	49 lbs.	7.63	57 lbs.
	48"	7.43	56 lbs.	8.63	65 lbs.
	60"	9.15	69 lbs.	10.71	80 lbs.
	72"	11.07	83 lbs.	12.93	97 lbs.
2-inch No. 19 Gauge	12"	1.26	13 lbs.	1.32	14 lbs.
	18"	1.72	18 lbs.	1.79	19 lbs.
	24"	2.17	23 lbs.	2.32	24 lbs.
	30"	2.56	27 lbs.	2.62	29 lbs.
	36"	3.09	32 lbs.	3.32	34 lbs.
	42"	3.48	36 lbs.	3.73	39 lbs.
	48"	3.87	40 lbs.	4.23	44 lbs.
	60"	4.89	50 lbs.	5.19	54 lbs.
	72"	5.65	59 lbs.	6.09	64 lbs.
2-inch No. 20 Gauge	12"	1.11	10 lbs.	1.18	11 lbs.
	18"	1.52	14 lbs.	1.61	15 lbs.
	24"	1.83	17 lbs.	2.04	19 lbs.
	30"	2.27	21 lbs.	2.46	23 lbs.
	36"	2.56	24 lbs.	2.88	27 lbs.
	42"	2.94	28 lbs.	3.30	31 lbs.
	48"	3.34	31 lbs.	3.72	35 lbs.
	60"	3.94	37 lbs.	4.55	43 lbs.
	72"	4.65	44 lbs.	5.41	51 lbs.

U. S. HEXLOK POULTRY NETTING

(MADE OF COPPER-BEARING STEEL)

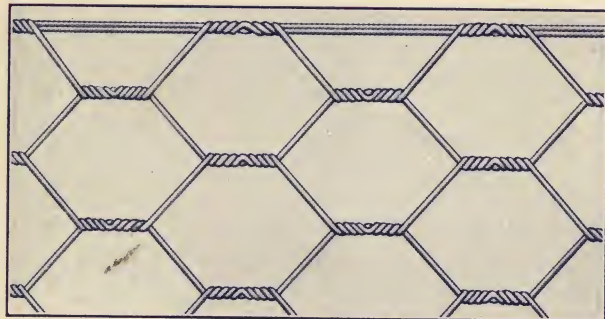


The Perfect Hexagon-Mesh Netting

*New, Lock-Twist Weave
More uniform, more rigid
Smoother, more even tension
Rolls out flat
Easier to handle and cut
Neater; more satisfactory*

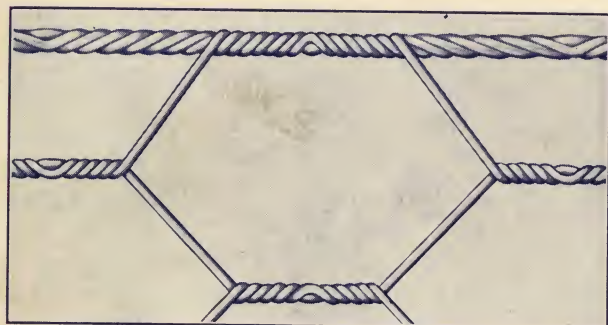
U. S. HEXLOK Poultry Netting—
companion to U. S. STRAITLOK
Netting—is the most perfect hexa-
gon-mesh netting ever offered.

The improved Lock-Twist Weave
produces a more uniform, more rigid
netting; neater in appearance, easier
to handle, superior in service. It
comes from the loom under smooth,
even tension, lies flat when unrolled,
cuts easily and without waste, is
quickly and easily erected.



U. S. HEXLOK—One-Inch Mesh

Made in three weights: No. 18, 19 and 20 gauge. No. 19
and 20 gauge furnished both Galvanized Before Weaving and
Galvanized After Weaving and in standard widths from 12 to 72
inches. No. 18 gauge furnished Galvanized After Weaving in stand-
ard widths from 24 to 72 inches.



U. S. HEXLOK—Two-Inch Mesh

Made in three weights: No. 16, 19 and 20 gauge. All weights
furnished both Galvanized Before Weaving and Galvanized After
Weaving and in standard widths from 12 to 72 inches. U. S. HEXLOK
also furnished in 1½-inch mesh, No. 16 gauge, Galvanized After
Weaving, standard widths 24 to 72 inches.

LIST PRICES EFFECTIVE OCT. 1, 1935

These List Prices apply to all of the United States except the Pacific
Coast Territory embracing the following states: California, Washington,
Arizona, Oregon, Nevada and Idaho.

U. S. HEXLOK POULTRY NETTING

SIZE	WIDTH	GALVANIZED BEFORE WEAVING		GALVANIZED AFTER WEAVING	
		List Price (150-ft. roll)	Approx. Wt. per Roll	List Price (150-ft. roll)	Approx. Wt. per Roll
1-inch No. 20 Gauge	12"	\$ 2.20	17 lbs.	\$ 2.44	18 lbs.
	18"	3.15	24 lbs.	3.51	26 lbs.
	24"	3.96	30 lbs.	4.59	34 lbs.
	30"	4.83	36 lbs.	5.69	43 lbs.
	36"	5.73	43 lbs.	6.67	50 lbs.
	42"	6.57	49 lbs.	7.63	57 lbs.
	48"	7.43	56 lbs.	8.63	65 lbs.
	60"	9.15	69 lbs.	10.71	80 lbs.
	72"	11.07	83 lbs.	12.93	97 lbs.
2-inch No. 19 Gauge	12"	1.26	13 lbs.	1.32	14 lbs.
	18"	1.72	18 lbs.	1.79	19 lbs.
	24"	2.17	23 lbs.	2.32	24 lbs.
	30"	2.56	27 lbs.	2.62	29 lbs.
	36"	3.09	32 lbs.	3.32	34 lbs.
	42"	3.48	36 lbs.	3.73	39 lbs.
	48"	3.87	40 lbs.	4.23	44 lbs.
	60"	4.89	50 lbs.	5.19	54 lbs.
	72"	5.65	59 lbs.	6.09	64 lbs.
2-inch No. 20 Gauge	12"	1.11	10 lbs.	1.18	11 lbs.
	18"	1.52	14 lbs.	1.61	15 lbs.
	24"	1.83	17 lbs.	2.04	19 lbs.
	30"	2.27	21 lbs.	2.46	23 lbs.
	36"	2.56	24 lbs.	2.88	27 lbs.
	42"	2.94	28 lbs.	3.30	31 lbs.
	48"	3.34	31 lbs.	3.72	35 lbs.
	60"	3.94	37 lbs.	4.55	43 lbs.
	72"	4.65	44 lbs.	5.41	51 lbs.
1-inch No. 19 Gauge	12"	2.71	21 lbs.	2.95	23 lbs.
	18"	3.87	30 lbs.	4.19	33 lbs.
	24"	5.07	39 lbs.	5.44	42 lbs.
	30"	6.19	48 lbs.	6.68	52 lbs.
	36"	7.48	58 lbs.	7.92	61 lbs.
	42"	8.64	67 lbs.	9.19	71 lbs.
	48"	9.68	75 lbs.	10.39	81 lbs.
	60"	11.93	93 lbs.	12.87	100 lbs.
	72"	14.25	111 lbs.	15.32	119 lbs.
2-inch No. 16 Gauge	12"	3.11	31 lbs.	3.41	34 lbs.
	18"	4.03	40 lbs.	4.43	44 lbs.
	24"	4.95	50 lbs.	5.45	55 lbs.
	30"	6.15	62 lbs.	6.77	68 lbs.
	36"	7.35	74 lbs.	8.08	81 lbs.
	42"	8.48	85 lbs.	9.33	93 lbs.
	48"	9.51	95 lbs.	10.45	105 lbs.
	60"	11.71	117 lbs.	12.87	129 lbs.
	72"	13.91	139 lbs.	15.29	153 lbs.
1-inch No. 18 Gauge	24"			7.09	59 lbs.
	30"			8.80	73 lbs.
	36"			10.28	86 lbs.
	42"			11.83	99 lbs.
	48"			13.45	112 lbs.
	60"			16.68	139 lbs.
	72"			20.00	167 lbs.
1½-inch No. 16 Gauge	24"			7.95	72 lbs.
	30"			9.40	85 lbs.
	36"			10.93	99 lbs.
	42"			12.97	118 lbs.
	48"			14.71	134 lbs.
	60"			17.85	162 lbs.
	72"			21.12	192 lbs.

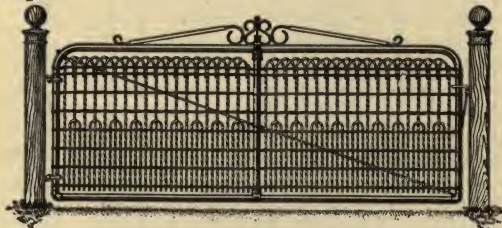
ⓕ SINGLE AND DOUBLE DRIVE GATES

CYCLONE, SCROLL TOP

Green Painted Frame and Fittings, Galvanized Style

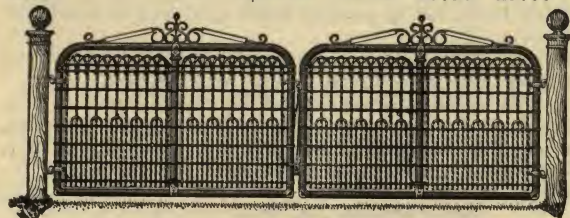
"F" Fabric; With Fixtures for Wood Posts

Frame made of heavy high grade steel tubing. Filled with style "F" fabric to match Cyclone lawn fence. Ornamental scroll top.



Single
1 3/4 in. outside diameter tubing.
Adjustable truss rod prevents any possible sagging. Suitably braced with upright cross bar.

Width opening, ft. ...	8	8	8	10	10	10
Height, in.	36	42	48	36	42	48
Wt. each, lbs.	47	50	54	57	60	64
Each	\$12.00	12.20	12.40	14.00	14.20	14.50
Width opening, ft....	12	12	12	14	14	14
Height, in.	36	42	48	36	42	48
Wt. each, lbs.	64	68	72	76	79	84
Each	\$16.00	16.20	16.50	18.00	18.30	18.60



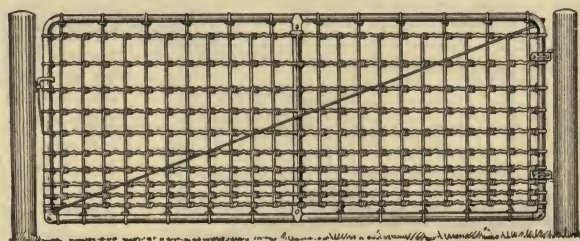
Double
1 3/4 in. outside diameter tubing.
Furnished with fittings so that one-half of gate may be held

firmly in place and the other half used as a walk gate when full opening is not required.

Width opening, ft. ...	8	8	8	10	10	10
Height, in.	36	42	48	36	42	48
Wt. each, lbs.	43	46	50	56	60	65
Each	\$11.70	12.00	12.20	13.60	14.00	14.10
Width opening, ft....	12	12	12	14	14	14
Height, in.	36	42	48	36	42	48
Wt. each, lbs.	62	67	73	70	74	82
Each	\$15.50	16.00	16.10	17.50	18.00	18.10

ⓕ FARM GATES

CYCLONE, STYLE "A"



Single Drive

With fixtures for wood posts. 1 3/4 in. O. D. tubing frame, painted green.

Heavily galvanized fabric, closely spaced and securely woven into framework. With hinges and latch.

Gates for openings from 8 feet up to and including 12 feet have one center bar support; for 14 and 16 foot openings, two supports. Gates for 8 foot openings and larger have adjustable truss rod support.

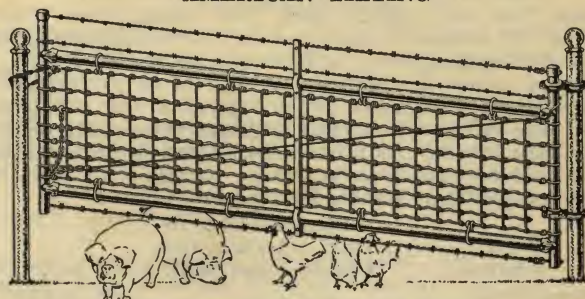
Width opening, ft.	8	8	10	10	12
Height, in.	48	54	48	54	48
Weight each, lbs.	47	50	54	57	61
Each	\$11.10	11.70	12.60	13.20	14.00
Width opening, ft.	12	14	14	16	16
Height, in.	54	48	54	48	54
Wt. each, lbs.	65	72	77	80	84
Each	\$14.60	16.20	16.90	17.70	18.30

All above, open stock.

NOTE—Goods Marked ⓕ Not Carried in Stock, but Shipped Direct from Factory.

FARM GATES

AMERICAN TILTING



With Fixtures for Wood Posts

Frame of steel tubing 1 3/4 inches diameter, heavily galvanized square mesh fabric. Stay wires 6 inches apart. Double channel iron brace in center.

No. 9 top and bottom wires, No. 11 filler wires.

A combination tilting and lift gate. Can be used in four different positions. Can be tilted at one end 23 to 36 inches so that small stock may rotate from field to field or the entire gate may be raised 6 inches to swing clear of snow or ice.

Tightening device consists of screw eye bolts on hinge end of gate and keeps fabric tight, strong galvanized chain latch. Barbed wires at top and bottom prevent stock from bearing down on top, and hogs from rooting under it.

Aluminum painted frames, galvanized fabric.

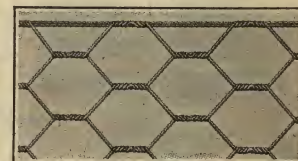
Width opening, ft.	12	12	14	14
Height, in.	50	55	50	55
Wt. each, lbs.	80	82	88	91
Each	\$15.00	15.50	16.00	16.50

Open stock.

U. S. POULTRY NETTING



Straitlok



Hexlok

STRAITLOK

Woven like farm fence. Stretches perfectly to posts and needs no top-rail or baseboard. Non-slip joints, no sagging. Straight, parallel line wires and uniformly spaced meshes. Smooth, even tension. Rolls out flat. Copper bearing steel wire. Heavily zinc coated.

No. 19 Gauge Wire, 2 in. Mesh; Galv. Before Weaving

Width, in.	12	18	24	30	36	48	60	72
Wt. roll, lbs. ...	13	18	23	26	32	40	50	59

No. 20 Ga. Wire, 1 in. Mesh; Galv. Before Weaving

Width, in.	12	18	24	30	36	48	60
Wt. roll, lbs.	17	24	30	36	43	56	69

No. 19 Ga. wire, 2 in. Mesh; Galv. After Weaving

Width, in.	24	36	48	60	72
Wt. roll, lbs.	24	34	44	54	64

No. 20 Ga. Wire, 1 in. Mesh; Galv. After Weaving

Width, in.	12	18	24	30	36	48
Wt. roll, lbs.	18	26	34	43	50	65

150 lineal feet in a roll. Prices on Application

HEXLOK OR HEXAGON PATTERN

Improved lock twist weave. More uniform and rigid. Smoother with more even tension. Rolls out flat and is easy to cut and handle when erecting or stretching to posts. Copper bearing steel wire. Heavily zinc coated.

No. 20 Ga. Wire, 1 in. Mesh; Galv. before Weaving

Width, in.	12	18	24	30	36	48
Wt. roll, lbs.	17	24	30	36	43	56

150 lineal feet in a roll. Prices on Application

NOTE—Special Gauges and Meshes Can be Furnished Direct from Factory.

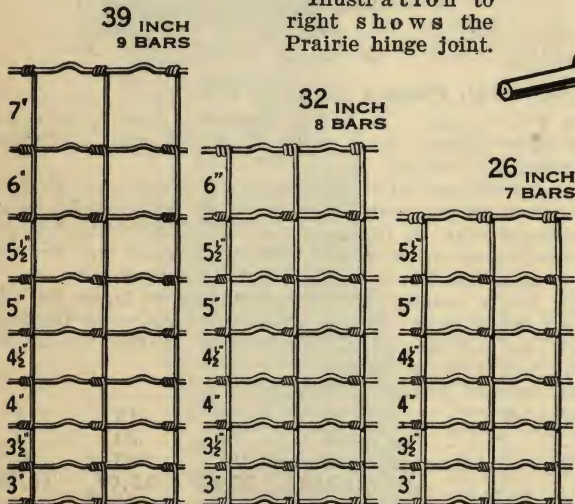
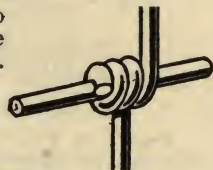
FIELD FENCE

PRAIRIE, WOVEN WIRE (HINGE JOINT)

Made from best quality steel. Full gauge wire. Uniform in vertical and horizontal spacing. Every wire is "Zinc Insulated" or galvanized with a heavy uniform coating of zinc.

Tension curves are placed every 6 in. in every "line" or horizontal wire. They make proper stretching easy and preserve tension. The curves will pull down, but never out and are always there to take care of expansion and contraction. Separate piece of wire used between each horizontal or live wire, ends being fastened together in a flexible Hinge Joint.

Illustration to right shows the Prairie hinge joint.



Spec. 11 Spec. 12 1/2

Specifications:—No. 11 has No. 9 top and bottom wires and No. 11 intermediate and stay wires.

No. 12 1/2 has No. 10 top and bottom wires and No. 12 1/2 intermediate or stay wires.

Specification No. 11

Nos.	Height, in.	No. of Horizontal bars.	Distance between stays, in.	Wt. per rod lbs.
726-12-11	26	7	12	7.5
726-6-11	26	7	6	9.8
832-12-11	32	8	12	8.6
832-6-11	32	8	6	11.4
939-12-11	39	9	12	9.7
939-6-11	39	9	6	13.1
1047-6-11	47	10	6	14.8

Specification No. 12 1/2

Nos.	Height, in.	No. of Horizontal bars.	Distance between stays, in.	Wt. per rod lbs.
726-12-12 1/2	26	7	12	5.3
726-6-12 1/2	26	7	6	6.8
832-12-12 1/2	32	8	12	6.0
832-6-12 1/2	32	8	6	7.8
939-6-12 1/2	39	9	6	8.9

20 and 40 rod rolls.

POULTRY AND RABBIT FENCE

PRAIRIE, WOVEN WIRE

"Zinc Insulated", (Heavily Galvanized)

Same general features as the Field Fence described above, but of lighter gauge wire and closer spacing.

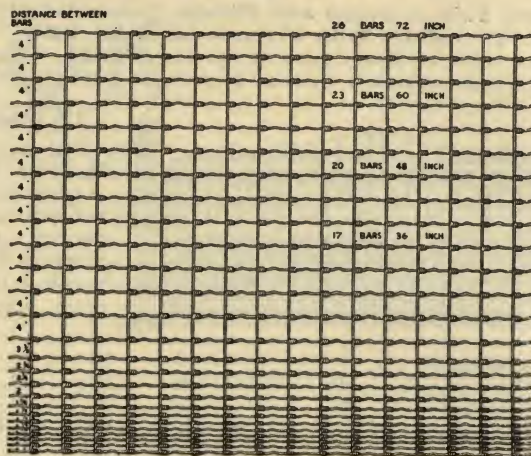
Specification 13 P.R.

No. 11 top and bottom wires; No. 13 intermediate and stay wires.

Stay wires are all 6 in. apart.

Nos.	1635-6-13	1948-6-13	2158-6-13
Height, in.	35	48	58
No. of horizontal bars	16	19	21
Wt. per rod, lbs.	10.8	13.0	14.6

10 rods in a roll.

POULTRY AND RABBIT FENCE
PROTECTOR, CLOSE MESH

All Wires Uniformly Zinc Insulated (Galvanized)

Not a netting but a heavy poultry fence that can be stretched like a field fence.

Easily erected, no top and bottom boards required. Requires fewer posts. It is more economical to use than netting.

Tension curves, built into the line wires every 6 inches, take care of expansion and contraction due to temperature changes.

Spacing—Lowest 4 spaces 1 in., next 1 1/8, 1 1/4, 1 1/2, 1 3/4, 2, 2 1/4, 2 3/4, 3 3/8 in., all higher spaces 4 inches.

Specification No. 14 1/2

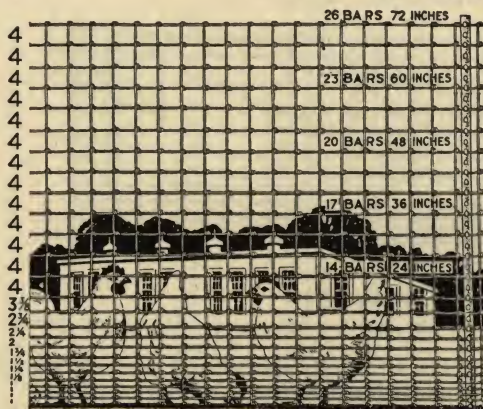
Top and bottom wires No. 11 ga., filler wires No. 14 1/2 ga.; 6 in. between stays.

Nos.	1736	2048	2360	2672
Height, inches	36	48	60	72
Number of bars	17	20	23	26
Approximate weight rod, lbs. 7.7	9.5	10.9	12.7	

10 rods in a roll.

POULTRY FENCE

BANNER CLOSE MESH



Galvanized

A graduated spacing poultry fence that can be stretched and erected like a field fence without special tools. No top or bottom boards required and when completed will stand for years, straight and true.

Small spacing at the bottom insures safe protection for poultry of all sizes. Every wire is thoroughly galvanized.

Every wire is thoroughly galvanized.

Spacing: Lowest 4 spaces 1 in.; next 1 1/8, 1 1/4, 1 1/2, 1 3/4, 2, 2 1/4, 2 3/4, 3 3/8 in.; all higher spaces 4 in. Stay wires 4 in. apart.

Specification No. 17-CM

Top and bottom wires No. 15, intermediate horizontal wires and stay wires No. 17.

Nos.	1736	2048	2360	2672
Height, in.	36	48	60	72
No. of bars	17	20	23	26
Wt. per roll, lbs.	37.7	45	53.2	61.8

STEEL FENCE POSTS

LINE



Fastening to Ideal "U"
IDEAL "U" TYPE

Ideal line posts with large split wing patent anchor plates, root firmly into the ground, hold fence securely in line and give many years of service. Notches frequent enough to fasten every line wire.

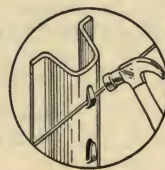
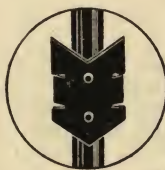
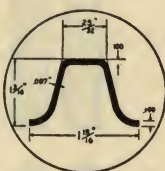
Finished in heavy coat of willow green paint.

Length, ft. 6½ 7
Wt. each, lbs. ..9.32 9.98

7 clamps free with each post.

Five in a bundle.

Ideal



American

Prices on application

AMERICAN SELF-FASTENING "U"

A lasting and economical foundation for poultry and many other types of fencing. Self-fastening conveniently spaced tongues, 2 in. apart, hold line wires of fence. Posts are pointed and have arrow shaped anchor with split wings. "U" shape assures strength.

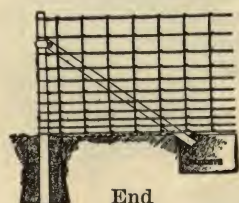
Painted green finish.

6½ ft. long—Weight each 7¾ lbs.

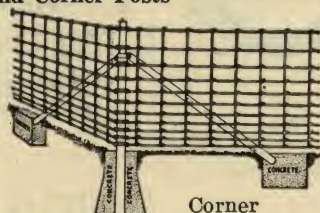
Five in a bundle.

Prices on application

AMERICAN TUBULAR End, Gate and Corner Posts



End



Corner

Galvanized

Made of 8 gauge metal, galvanized inside and outside after forming; 2½ in. diameter; to be set in concrete.

Furnished with all necessary fittings and braces.

End or Gate Posts
With one brace.

Length, ft. 8
Weight each, lbs.54.5

Corner Posts
With two braces.

Length, ft. 8
Weight each, lbs.75.9

Open stock.

Prices on application

POST DRIVERS NATIONAL, FLARED END



For driving steel line fence posts. Enables a man, without extra help, to easily set many posts in a day in perfect alignment.

Each

National Post Driver—All iron and steel, 29 in. long, 2½ in. inside diam.; wt. each 17 lbs.\$2.40

Open stock.

FENCE STRETCHERS

DILLON



Combined Wire Fence
Stretcher and Hoist

A one-man tool. As a stretcher it will pull up 80 rods of fence at a stretch, with all the wires

tight and even. As a hoist it will take the place of a block and tackle or a chain hoist.

Each

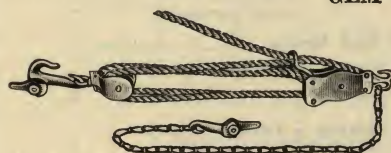
Dillon—Capacity 5000 lbs., malleable iron and steel construction with handle attached, complete with 8½ ft. BB proof tested chain and 5 ft. wood clamps; weight each 45 lbs.\$11.70

Extra Chains—For Dillon fence stretchers 4.00

Extra Wood Clamps—For Dillon stretchers 3.80
Open stock.

WIRE STRETCHERS

GEM



Tackle Block
Type

Combined wire stretcher and hoist.

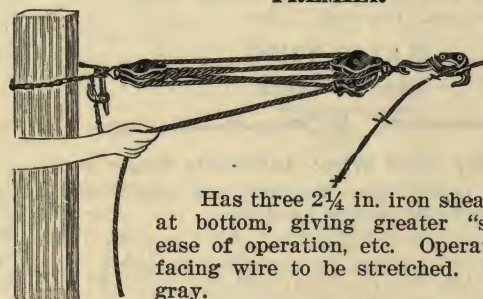
Plain bearing.

Steel frame. Certified malleable iron lock and wire clamps. Reeved with best quality ¾ in. rope. Equipped with swivels at top and bottom. Lock is automatic and self-adjusting. Bottom wire grasp has hook for using stretcher as a hoist. Gray enamel finish.

Per dozen

Gem—Cap. 500 lbs.; wt. per dozen 50 lbs.\$20.00
Open stock.

PREMIER



Tackle Block
Type

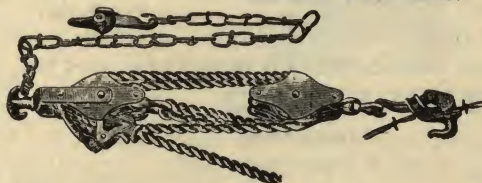
Combined wire stretcher and hoist.

Has three 2¼ in. iron sheaves at top and two at bottom, giving greater "stretching" power, ease of operation, etc. Operator stands at post facing wire to be stretched. Finished in bright gray.

Per dozen

Premier—Capacity 1000 lbs., with 20 ft. of ¾ in. best quality manila rope, fitted with No. 5 special wire grasp; weight per dozen 70 lbs.\$36.00
Open stock.

GREAT WESTERN



Tackle Block
Type

Combined wire stretcher and hoist.

Plain bearing.

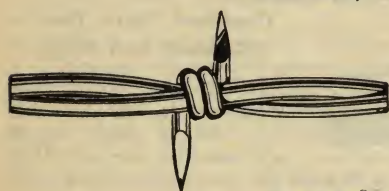
Steel frame, malleable iron locking dogs and sleeves, 2½ inch diameter cast iron sheaves, malleable iron clamps, bright red finish, swivels at both ends. With No. 5 improved wire grasp. Automatic rope lock, brown pattern chain. Reeved with 21 feet of ½ inch manila rope.

Per dozen

Great Western—Capacity 1500 lbs., with 34½ in. of chain; wt. per dozen 72 lbs.\$41.00
Open stock.

BARBED FENCE WIRE

AMERICAN, GLIDDEN



Two Point

Galvanized; main strands of No. 12½ steel wire gauge; round barbs of No. 14 gauge wrapped twice around one of the main strands.

On 80 Rod Reels

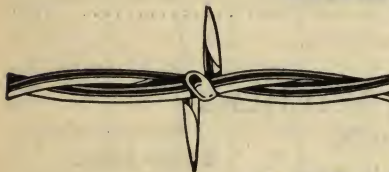
Thickset or Hog, Barbs 3 Inches Apart

No. GH80—Hog; weight per reel 85 lbs.\$.....

Regular or Cattle, Barbs 5 Inches Apart

No. GC80—Cattle; weight per reel 79 lbs.\$.....

WAUKEGAN



Two Point

Galvanized; main strands of No. 12½ steel wire gauge. Barbs are half round and each barb is wrapped once around the main strands.

On 80 Rod Reels

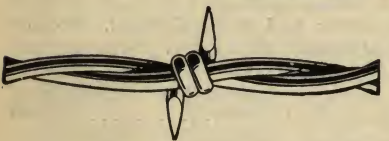
Thickset or Hog, Barbs 3 Inches Apart

No. WH80—Hog; weight per reel 79 lbs.\$.....

Regular or Cattle, Barbs 5 Inches Apart

No. WC80—Cattle; weight per reel 76 lbs.\$.....

AMERICAN SPECIAL



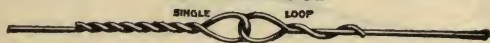
Two Point

Galvanized; main strands of No. 14 steel wire gauge; round barbs of No. 16 steel wire gauge wrapped twice around one of the main strands.

On 80 Rod Reels

Regular or Cattle, Barbs 5 Inches Apart

No. AS80—Cattle; weight per reel 52 lbs.\$.....

BALE TIES
SINGLE LOOP

Tested Annealed Steel Wire; Adjustable Single Loop

For baling hay, paper, rags, excelsior and similar materials. Withstands the strains of severe handling.

Length, ft.	9	9	9
Gauge wire, No.	14	14½	15
Weight per bundle, lbs.	39.8	35.9	32.3

250 in a bundle.

POULTRY NETTING STAPLES

Galvanized, No. 14 Gauge Steel Wire

Length, in.	¾	1	1¼	1½	1¾	2
No. to lb.	480					
5 lb. boxes	Per lb. \$....					
10 lb. boxes	Per lb.					
100 lb. kegs	Per lb.					

5 and 10 pound boxes packed 100 pounds in a wood box.

FENCE STAPLES

Galvanized

No. 9 gauge steel wire.

Length, in.	¾	1	1¼	1½	1¾	2
No. to lb.	120	108	96	87	72	65
Per pound	\$....					

Polished

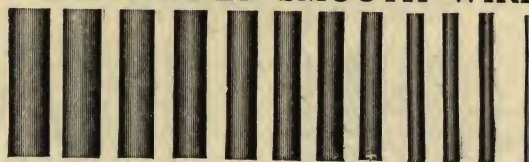
No. 9 gauge steel wire.

Length, in.	¾	¾	1	1¼	1½	1¾	2
No. to lb.	152	120	108	96	87	72	65
Per pound \$....							

100 pounds in a keg.

NOTE—Prices on application.

GALVANIZED SMOOTH WIRE



5	6	7	8	9	10	11	12	14	15	16	18
---	---	---	---	---	----	----	----	----	----	----	----

In 100 Pound Coils

Nos.	5	6	7	8	9	10
Diam., in. ....	.244	.192	.177	.162	.148	.135
Feet in pound	6.31	10.17	11.97	14.29	17.05	20.57
Add to Base	\$....					.05

Nos.	11	12	14	15	16	18
Diam., in. ....	.121	.106	.080	.072	.063	.048
Feet in pound	25.82	33.69	58.58	72.32	95.98	166.2
Add to Base	\$0.10	.20	.55	.85	1.05	1.90

10 Pound Coils

100 pounds in bundle.

Size Nos.—6 8 9 10 11 12 14 15 16

\$0.50 per cwt. advance for 10 pound coils.

PLAIN ANNEALED WIRE

No. 9—Plain annealed, in 100 lb. coils.	Base
No. 10—Plain annealed, in 100 lb. coils.	Advance, \$0.05
No. 12—Plain annealed, in 100 lb. coils.	Advance, .15
No. 14—Plain annealed, in 100 lb. coils.	Advance, .35
No. 16—Plain annealed, in 100 lb. coils.	Advance, .80

WEAVING WIRE
SOFT GALVANIZED

Extra Bright, Extra Soft

In general demand around garages and factories; radio guy wire for aerials, for camping outfits, for farm and home.

A profitable way of supplying the heavier gauges of soft flexible wire when only a limited quantity is required.

100 Feet in a Coil

Gauge, Nos.	14	16	18
Wt. per doz. coils, lbs.	20¾	12¾	7¼
Per dozen coils	\$4.20	3.50	1.90

One dozen in a carton.

No. 12 Gauge—In 50 ft. coils; wt. per doz. coils 18 lbs.\$3.20
Two dozen in a carton.

TELEPHONE AND TELEGRAPH WIRE



Combines conductivity with tensile strength to make a very popular grade.

Weight per mile ohm, 5600 to 6000 pounds.

Tested physically and electrically.

Genuine "B.B.", Extra Galvanized

No. 12BB—12 B. W. gauge; wt. per 1000 ft. 32 lbs.; wt. per mile 170 lbs.; wt. approx. 87 lbs. to the roll.\$ Market
One-half mile in a coil.

COPPERED MARKET WIRE

In 10 Pound Bundles

Gauge, Nos.	5	6	7
Per pound	\$ Market Price		

Gauge, Nos.	8	9	10
Per pound	\$ Market Price		



SPRING WIRE

OIL TEMPERED

Used for Fish Nets



No. 4MB—4 ft. diam. coils; weighing about 250 lbs.....\$.....
Per 100 pounds

Prices on Application

WIRE IN STONES



Annealed Dark

Gauge, Nos.	16	18	19	20	22
Per stone	\$1.60	1.70	1.80	1.90	2.00

12 pounds in a stone, paper wrapped.

Galvanized

Gauge, No.	22
Per stone	\$2.50

12 pounds in a stone, paper wrapped.

STOVE PIPE WIRE

MALIN



Dark Annealed; Lacquered
In 50 Foot Coils

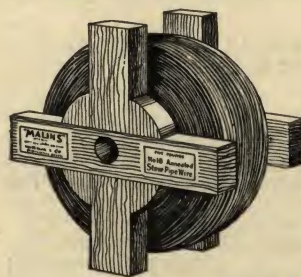
Gauge, No.	19
Wt. per doz. coils, lbs.	23 1/4
Per dozen coils	\$0.70

One dozen coils in a box.

Galvanized, in 50 Foot Coils

Gauge, No.	19
Per dozen coils	\$1.20

One dozen coils in a box.



Black Annealed
On 5 Lb. Reels

Size, No.	19
Wt. per case, lbs.	55
Per reel	\$1.60

10 reels in a case.

SPOOLED WIRE

Guaranteed
full weight
spools.



W. & M.
wire gauge.

Tinned Hair Wire

One 1/3 oz. spools.

Nos.	28TH	30TH	32TH	34TH	36TH
Gauge, Nos.	28	30	32	34	36
Per dozen spools	\$0.50	.52	.54	.58	.66

One dozen spools in a box.

Spring Brass Wire

On 1/4 lb. spools.

Nos.	18B	20B	22B	24B	26B
Gauge, Nos.	18	20	22	24	26
Per dozen spools	\$3.10	3.10	3.40	3.60	4.00

One dozen spools in a box.

Soft Copper Wire

On 1 oz. spools.

Nos.	18SC	20SC	22SC	24SC	26SC
Gauge, Nos.	18	20	22	24	26
Per dozen spools	\$3.00	3.00	3.20	3.50	3.80

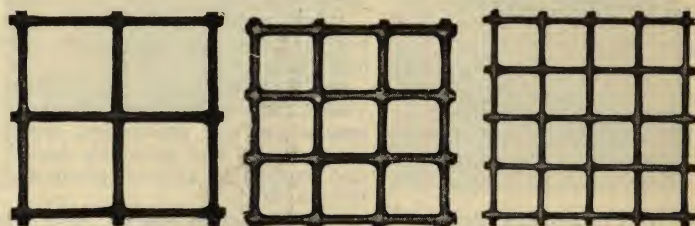
One dozen spools in a box.

HARDWARE WIRE CLOTH

STANDARD

Mesh represents the number of squares to the inch. For example: 4x4 mesh has 4 squares to the inch.

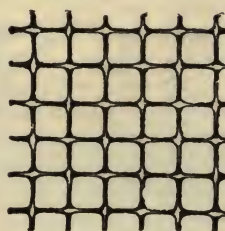
(Illustrations show actual size of mesh)



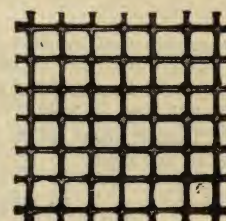
2x2 Mesh

3x3 Mesh

4x4 Mesh



5x5 Mesh



6x6 Mesh

Heavily Galvanized After Weaving

For tree guards, coops, sand screens, sieves, window guards, fire guards, machinery guards, etc.

Nos.	224	230	236	324	330
Mesh	2x2	2x2	2x2	3x3	3x3
Width roll, in.	24	30	36	24	30
Gauge wire, Nos.	19	19	19	21	21
Wt. 100 sq. ft., lbs.	28	28	28	28	28
Per square foot	\$0.07 1/2	.07 1/2	.07 1/2	.08	.08

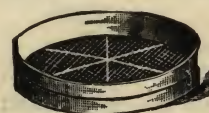
Nos.	336	424	430	436	524
Mesh	3x3	4x4	4x4	4x4	5x5
Width roll, in.	36	24	30	36	24
Gauge wire, Nos.	21	23	23	23	24
Wt. 100 sq. ft., lbs.	28	27	27	27	27
Per square foot	\$0.08	.08 1/2	.08 1/2	.08 1/2	.09 1/2

Nos.	530	536	624	630	636
Mesh	5x5	5x5	6x6	6x6	6x6
Width roll, in.	30	36	24	30	36
Gauge wire, Nos.	24	24	25	25	25
Wt. 100 sq. ft., lbs.	27	27	25	25	25
Per square foot	\$0.09 1/2	.09 1/2	.10	.10	.10

Note—50 or 100 lineal feet in a roll. Add to above prices for 50 lineal ft. rolls \$0.25 per 100 square feet.

RIDDLES

FOR GRAIN OR SAND



Hardware Cloth Bottom

Hardwood rim. Braced with three cross bars.

Mesh, Nos.	2	3	4	5
Diameter, in.	17	17	17	17
Wt. per doz., lbs.	25	20	20	20
Per dozen	\$17.50	17.50	17.50	17.50

Mesh, Nos.	6	7	8
Diameter, in.	17	17	17
Wt. per doz., lbs.	20	20	20
Per dozen	\$17.50	17.50	17.50

One dozen in a crate.

WINDOW FABRIC

VIO-RAY

Made with a new coating process which assures longer life. Vio-Ray is nearly 100% moisture-proof and has greater flexibility. It is weather-proof and does not rot like ordinary cloth window materials.

Vio-Ray transmits the Ultra-Violet rays of the sun which increase the egg production, saves baby chicks and promotes health and growth in animal, plant and human life.

It is ideal for windows in poultry houses, farms, etc., for scratch sheds, brooder houses, hot beds, storm windows and doors, etc.

Inexpensive and quickly tacked on. Very handy for all repairs. Saves time and cost in applying as it is so easy to cut and handle.

Lasts longer than other glass substitutes of its kind.

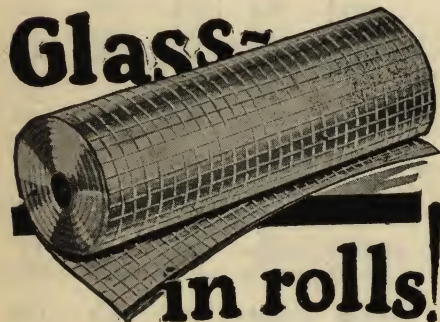


In Rolls 36 in. Wide

Length roll, yards	25	50	100
Weight per roll, lbs.	13	25	50
Per square yard	\$0.33½	.33½	.33½

One roll in a carton.

CEL-O-GLASS



Cel-O-Glass is a durable, flexible, lightweight material that is used in place of glass. It is durable and water-proof. It is made by coating No. 32 galvanized wire, 14 mesh, with a transparent substance which closely resembles lacquer. While Cel-O-Glass is not transparent, it is highly translucent. It admits almost as much light as glass.

Cel-O-Glass can be cut to size with an ordinary pair of shears and fastened in place with a hammer and tacks. No glazing. No breakage. Anyone can install Cel-O-Glass.

Clear Color

In Rolls 28 in. Wide

Length roll, ft.	Ⓕ25	50	Ⓕ100
Sq. ft. in roll	58½	116½	233½
Wt. per roll, lbs.	10	20	36
Per roll	\$11.84	23.64	47.26

In Rolls 36 in. Wide

Length roll, ft.	Ⓕ25	50	100
Sq. ft. in roll	75	150	300
Wt. per roll, lbs.	12	20	42
Per roll	\$15.18	30.38	60.76

One roll in a carton.

SCREEN WIRE CLOTH

CONTENTS OF ROLLS AND WEIGHTS

Rolls Containing 100 Lineal Feet

Width, in.	18	20	22	24	26	28
Sq. ft. in roll	150	166½	183½	200	216½	233½
Wt. roll, 12 mesh, black ..	14	16	18	22	23	24½
Width, in.	30	32	34	36	38	
Sq. ft. in roll	250	266½	283½	300	316½	
Wt. roll, 12 mesh, black ..	26	28	29½	32	33½	
Width, in.	40	42	44	46	48	
Sq. ft. in roll	333½	350	366½	383½	400	
Wt. roll, 12 mesh, black ..	36	37½	39	40	41½	

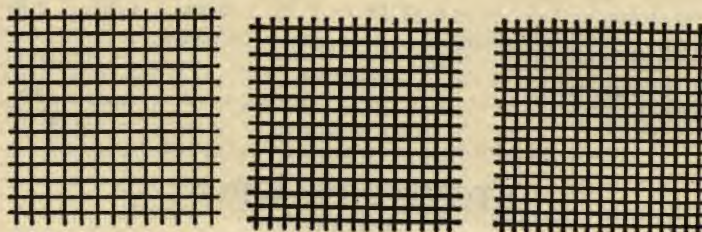
SCREEN WIRE CLOTH

REYNOLDS, SUN-RED EDGE



The Sun-Red Edge screen wire cloth is perfectly woven with square, uniform mesh, only possible with wire drawn round and true.

Measure marks every 6 inches facilitate dispensing from the rolls and simplify the work.



12 x 12

14 x 14

16 x 16

BLACK PAINTED

Woven of special grade of open-hearth steel wire. Coated with high-grade black enamel giving an elastic finish which will not flake off.

12 Mesh, Hard Drawn Bessemer Steel Wire

Per 100 square feet

Painted—Widths 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42 and 48 in. \$....

Weight per 100 square feet 10¾ pounds.

Note—No. 14 Mesh black cloth can be furnished direct from factory.

100 lineal feet in a roll; 40, 42 and 48 in. widths can be furnished in 50 or 100 foot rolls.

ALUMINA

Woven of special grade open hearth steel wire and covered with fourteen coats of chemically pure zinc by electro-plating process. A transparent coat of varnish is then baked on. The best quality electro-plated screen cloth.

12 and 14 Mesh, Rust-proof Alumina, Electro Galvanized

Per 100 square feet

Alumina—Widths 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42 and 48 in. \$....

Weight per 100 square feet 12 pounds.

100 lineal feet in a roll; 40, 42 and 48 in. also carried in 50 foot rolls.

Note—16 mesh from factory only.

BRIGHT BRONZE

Made of commercial bronze wire, 90% copper, 10% zinc. A high grade screening in bright natural copper finish.

16 Mesh, Hard Drawn Wire

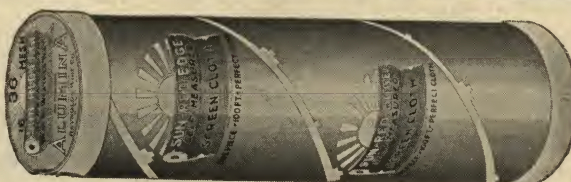
Per 100 square feet

Bright Bronze—Widths 18, 24, 26, 28, 30, 32, 34, 36, 40 and 48 in. \$....

Weight per 100 square feet 15 pounds.
50 lineal feet in a roll.

All above, prices on application.

SUN-RED EDGE SCREEN WIRE PACKAGE

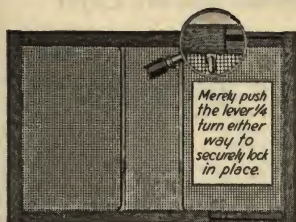


Spiral
Wrap—
End
Cap

Original.

Preserves and protects cloth in stock and transit.

EXTENSION WINDOW SCREENS CONTINENTAL



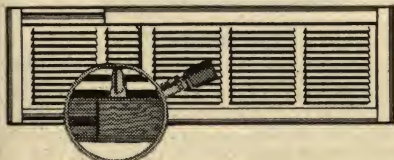
Extension window screen is guaranteed to have perfect adjustment. Wire cloth is securely fastened to hardwood frame and is covered with moulding. Frame is finished in oil, both sides alike.

Corners mortised and tenoned and securely nailed. Firm steel uprights.

12 Mesh Black Wire Cloth				
Nos	1233	1833	2433	2437
Height, in.	12	18	24	24
Extends, in.	21-33	21-33	21-33	23-37
Per dozen	\$5.20	9.20	10.40	11.00
Nos.	2837	3033	3037	
Height, in.	28	30	30	
Extends, in.	23-37	21-33	23-37	
Per dozen	\$12.50	12.50	13.00	

Average weight per dozen 25 to 50 pounds.
One dozen in a crate.

WINDOW VENTILATORS "DEFLEKTAIR", METAL CENTER



Well made with a very neat oil stained wood frame and rich enameled metal center; finished in a neutral color.

Easy to operate, durable and attractive; adjustable to any window.

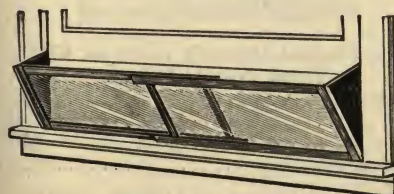
Assures complete privacy with the window open. Plenty of air without drafts. Saves cleaning and doctor bills.

Fitted with positive friction lock which does not interfere with sliding of ventilator when not in locked position. Locks by a quarter turn left or right.

Nos.	83	87	88
Height, in.	8	8	8
Extends, in.	21-33	21-37	27-48
Wt. per dozen, lbs.	18	20	24
Per dozen	\$4.50	4.70	7.50

One dozen in a carton.

CONTINENTAL "AIR-METER"



Glass; Antique Maple Finish

The best of the outdoors—fresh air, no draft, no rain, no snow.

Adjustable. Slides in grooves in brackets which are fastened to window.

Antique Maple Finish

Nos.	37	49
Height, in.	10	10
Extends to, in.	37	49
Wt. dozen, lbs.	50	69
Per dozen	\$13.00	16.50

One in a carton, one dozen in a crate.

WEATHER STRIP STORM QUEEN FELT



Keeps cold air out and warm air in. Saves coal and doctor bills. Requires only tacks, hammer and shears. For windows and doors.

In Display Sleeves

Nos.	57-10	65-12	66-20
Size	3/4" x 10'	1 1/8" x 10'	3/4" x 20'
Thickness, in.	3/8	1/8	1/8
Packages in carton, gro.	1/2	1/2	1/4
Wt. gross packages	18	18	52
Per dozen packages	\$1.20	1.50	2.70

WEATHER STRIP COMMERCIAL CLINCHER WOOD AND FELT



White pine oil stained mouldings. Black mixed cotton and wool felt.

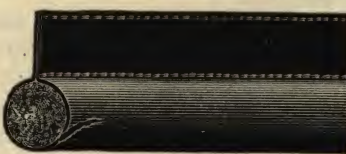
Not affected by water nor does it flatten out. Shapes itself to uneven sills or jambs.

In 7 Foot Lengths

Per foot

No. 470—3/8 x 1/2 in., for upper sash of windows; wt. per 1000 ft. 28 lbs.	\$0.04
No. 471—3/8 x 3/4 in., for lower sash of windows; wt. per 1000 ft. 36 lbs.	.04
No. 471 1/2—3/8 x 1 in., for sides and tops of doors; wt. per 1000 ft. 52 lbs.	.05
No. 474—3/8 x 1 3/8 in., for bottom of doors; wt. per 1000 ft. 72 lbs.	.06 1/2
No. 474, 125 ft. in a carton, balance 250 ft. in a carton.	

DENNIS SECURITY E-Z TACK



Cotton Wick Center

2-ply double stitched open tacking flange, cotton yarn center, covered with rubber coated sheeting.

11/16 Inch Maroon

Per reel

No. 691-100—100 feet on a steel reel; wt. per reel 3 1/2 lbs.	\$ 3.00
Five reels in a shipping container.	

No. 691-500—500 feet on a steel reel; wt. per reel 16 lbs.	14.00
One reel in a shipping container.	



Cotton Yarn Center

2-ply sanitary tacking lap, heavy rubber coated sheeting cover.

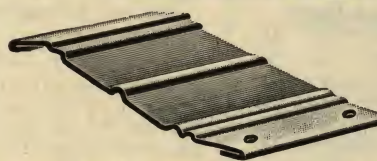
11/16 in. Maroon

Per reel

No. 801-100—100 feet on a steel reel; wt. per reel 4 lbs.	\$ 3.60
Five reels in a shipping container.	

No. 801-500—500 feet on a steel reel; wt. per reel 20 lbs.	17.00
One reel in a shipping container.	

COMMERCIAL DOUBLE HEMMED BRONZE



Adjustable Contact Edge

Made from commercial spring bronze, full hard, with perforated tacking flange. Bow tip assures true contact against sash or doors. Prevents vibrations. Double head on contact edge prevents buckling and noise.

tions. Double head on contact edge prevents buckling and noise.

Spring Bronze, in Coils

Nos.	5000-1	5000-1 1/4
Size, inches	1	1 1/4
Wt. per carton, lbs.	5	6 1/2
Per 100 feet	\$3.90	4.50

100 feet in a coll, one coil in a fibre carton, with steel copper-plated nails.

DOOR BOTTOM STRIPS DENNIS BRASS AND RUBBER SHOD FELT



Made of 18 gauge polished brass and rubber shod moth and waterproof felt. Slotted holes for ease in application.

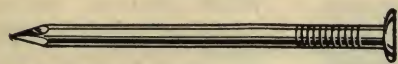
Complete with brass screws.

Nos.	73x36	73x42
Length, in.	36	42
Width, in.	1 1/4	1 1/4
Wt. dozen, lbs.	6	7
Per dozen	\$4.00	5.00

One dozen in a fibre box.

AMERICAN STEEL AND WIRE CO.—STANDARD STEEL WIRE NAILS

COMMON



Bright			
Size	2D	3D	4D
Length, in.	1	1 1/4	1 1/2
Gauge	15	14	12 1/2
App. No. to lb.	876	568	316
Ad. over base	\$1.65	1.15	.80
Size	6D	7D	8D
Length, in.	2	2 1/4	2 1/2
Gauge	11 1/2	11 1/2	10 1/4
App. No. to lb.	174	161	106
Ad. over base	\$0.60	.55	.45
Size	10D	12D	16D
Length, in.	3	3 1/4	3 1/2
Gauge	9	9	8
App. No. to lb.	69	63	49
Ad. over base	\$0.40	.35	.30
Size	30D	40D	50D
Length, in.	4 1/2	5	5 1/2
Gauge	5	4	3
App. No. to lb.	24	18	14
Ad. over base	\$0.25	.25	.25

Galvanized

Size	3D	4D	6D
Length, in.	1 1/4	1 1/2	2
Gauge	14	12 1/2	11 1/2
App. No. to lb.	551	306	169
Ad. over base	\$3.15	2.80	2.60
Size	8D	9D	10D
Length, in.	2 1/2	2 3/4	3
Gauge	10 1/4	10 1/4	9
App. No. to lb.	103	93	67
Ad. over base	\$2.50	2.45	2.40
Size	16D	20D	30D
Length, in.	3 1/2	4	4 1/2
Gauge	8	6	5
App. No. to lb.	48	26	23
Ad. over base	\$2.30	2.25	2.25

ROUND WIRE SPIKES



Bright; Flat Head, Diamond Point

Length, in.	5 1/2	7	8	10
Diam., in.	1 ga.	7/8	3/4	3/8
App. No. to lb.	10	6	4	3
Ad. over base	\$0.25	.25	.35	.45

Note—Can also be furnished with countersunk oval head and chisel point, if desired.

SMOOTH BOX



Bright

Size	4D	5D	6D
Length, in.	1 1/2	1 3/4	2
Gauge	14	14	12 1/2
App. No. to lb.	473	406	236
Ad. over base	\$1.00	.90	.65
Size	7D	8D	10D
Length, in.	2 1/4	2 1/2	3
Gauge	12 1/2	11 1/2	10 1/2
App. No. to lb.	210	145	94
Ad. over base	\$0.60	.55	.45

Galvanized

Size	6D	7D
Length, in.	2	2 1/4
Gauge	12 1/2	12 1/2
App. No. to lb.	229	203
Ad. over base	\$2.65	2.60

All above, 100 pounds in a keg.

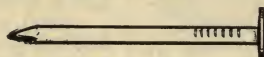
FENCE



Bright

Size	8D	10D
Length, in.	2 1/2	3
Gauge	9	7
App. No. to lb.	82	50
Ad. over base	\$0.45	.40

SHINGLE



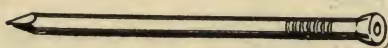
Bright

Size	3D
Length, in.	1 1/4
Gauge	13
Approx. No. to lb.	429
Advance over base	\$1.05

Galvanized

Size	3D	3D	3 1/2D	4D
Length, in.	1 1/4	1 1/4	1 1/2	1 1/2
Gauge	13	12	12 1/2	12
App. No. to lb.	416	325	334	265
Ad. over base	\$3.05	3.05	2.85	2.80

FLOORING



"Kuphed," Bright

Nail set will not slip—wood will not be marred.

Size	8D	10D
Length, in.	2 1/2	3
Gauge	10	9
Approx. No. to lb.	99	69
Ad. over base	\$0.55	.45

FINISHING



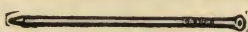
"Kuphed," Bright

Nail set will not slip—wood will not be marred.

Size	3D	4D	6D
Length, in.	1 1/4	1 1/2	2
Gauge	15 1/2	15	13
Approx. No. to lb.	807	584	309
Ad. over base	\$1.60	1.45	.80

Size	8D	10D
Length, in.	2 1/2	3
Gauge	12 1/2	11 1/2
Approx. No. to lb.	189	121
Ad. over base	\$0.65	.55

CASING



"Kuphed," Bright

Size	3D	4D	6D
Length, in.	1 1/4	1 1/2	2
Gauge	14 1/2	14	12 1/2
App. No. to lb.	635	473	236
Ad. over base	\$1.20	1.05	.70

Size	8D	10D	16D	20D
Length, in.	2 1/2	3	3 1/2	4
Gauge	12 1/2	11 1/2	11	10
App. No. to lb.	189	121	90	62
Ad. over base	\$0.60	.50	.40	.30

All above, 100 pounds in a keg.

STERILIZED BLUED LATH



Flat Head, Diamond Point

Size	2D	3D
Length, in.	1	1 1/4
Gauge	16 1/2	15
Approx. No. to lb.	1351	778
Ad. over base	\$2.55	1.95

Free from all injurious substances and can be carried in the mouth.

Packed in paper lined kegs.

FINE



Bright

Size	2D	3D
Length, in.	1	1 1/4
Gauge	16 1/2	15
App. No. to lb.	1351	778
Adv. over base	\$2.20	1.60

SLATING



Galvanized

Size	3D
Length, in.	1 1/4
Gauge	10 1/2
Approx. No. to lb.	225
Advance over base	\$3.00

BATTEN



Galvanized, Barbed

Length, in.	3/4
Gauge	13
Approx. No. to lb.	693
Advance over base	\$3.55

AMERICAN ASBESTOS SHINGLE



Zinc Coated; Barbed; 13/32 in. Flat Head, Needle Point

Length, in.	1 3/4
Gauge	11 1/2
Approx. No. to lb.	173
Advance over base	\$3.60

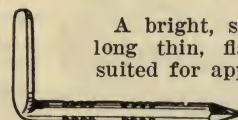
SPECIAL BLUED PLASTER BOARD



Blued, Smooth; 5/16 in. Flat Head, Long Diamond Point

Length, in.	1 1/4
Gauge	13
Approx. No. to lb.	448
Ad. over base	\$2.20

HOOK HEAD METAL LATH



A bright, smooth nail with a long thin, flat head especially suited for applying metal lath.

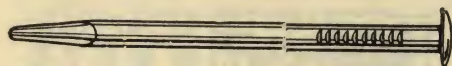
Bright, Smooth

Length, in.	1 1/4
Gauge	12
Approx. No. to lb.	278
Ad. over base	\$2.95

All above, 100 pounds in a keg.

STEEL WIRE NAILS

CLINCH



Annealed, Oval Head, Duck Bill Point

Size.....	6D	7D	8D
Length, in.	2	2 1/4	2 1/2
Gauge	11	11	10
App. No. to lb.....	157	139	99
Ad. over base.....	\$1.15	1.10	1.05

100 pounds in a keg.

FLAT HEAD



In 1/4 Pound Papers

Lgth., in.	Gauge, Nos.	App. No. to lb.	Per pound
1/2	20	7164	\$1.05
3/8	19	3130	.85
3/4	18	2608	.72
7/8	17	1581	.63
1	17	1409	.60
1 1/4	16	1099	.56
1 1/2	16	872	.54
1 3/4	16	739	.53

STEEL WIRE BRADS



In 1/4 Pound Papers

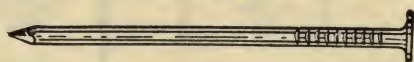
Lgth., in.	Gauge, Nos.	App. No. to lb.	Per pound
1/2	20	7164	\$1.05
3/8	19	5075	.95
3/4	19	4132	.85
7/8	18	3130	.78
1	19	3508	.80
1 1/4	18	2608	.72
1 1/2	17	1904	.66
1 3/4	18	2248	.65
2	17	1581	.63
2 1/4	18	1976	.63
2 1/2	17	1409	.60
2 3/4	16	1099	.56
3	17	1139	.59
3 1/4	16	872	.54
3 1/2	16	739	.53
3 3/4	15	578	.51
4	14	398	.49
4 1/4	14	350	.49

In 25 Pound Boxes

Lgth., in.	Gauge, Nos.	App. No. to lb.	Per pound
3/4	19	3508	\$0.59
7/8	18	2608	.51
1	17	1904	.45
1 1/4	16	1414	.42
1 1/2	18	2248	.44
1 3/4	17	1581	.42
2	18	1976	.42
2 1/4	17	1409	.39
2 1/2	16	1099	.35
2 3/4	15	876	.32
3	17	1139	.38
3 1/4	16	872	.33
3 1/2	15	694	.31
3 3/4	16	739	.32
4	15	578	.30
4 1/4	14	398	.28
4 1/2	14	350	.28
4 3/4	13	209	.27

PEARSON CEMENT COATED WIRE NAILS

COOLERS



Perfectly satisfactory for hand driving in the softer woods, but are especially designed for machine driving in boxes, crates, or other shipping containers.

Size	3d	4d	5d	6d
Length, in.	1 1/8	1 3/8	1 5/8	1 7/8
Gauge No.	15 1/2	14	13 1/2	13
App. No. to lb...	848	488	364	275
Ad. over base...	\$1.90	1.55	1.35	1.15

Size	7d	8d	10d
Length, in.	2 1/8	2 3/8	2 7/8
Gauge No.	12 1/2	11 1/2	11
App. No. to lb...	212	142	104
Ad. over base...	\$0.90	.75	.65

100 pounds in a keg.

EGG CASE



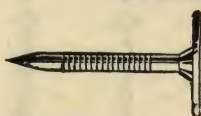
These nails have a very large head and are adapted to egg cases and other similar uses.

Size	3d
Length, in.	1 1/8
Gauge No.	15
Approx. No. to lb.....	738
Advance over base.....	\$2.15

100 pounds in a keg.

ROOFING NAILS

AMERICAN FELT



Especially designed for use in laying prepared roofing material. Extra large head and thin shank.

Extra Large 5/8 in. Reinforced Flat Head, Needle Point

1 in. long; No. 12 gauge.

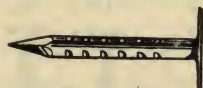
Per 100 pounds

Bright—189 to the lb.....\$....
Galvanized—159 to the lb.....

Note—Prices on application.

100 pounds in a keg.

LARGE HEAD, BARBED



Galvanized

3/8 in. Head; No. 12 Gauge

Length, in. ...	3/8	1	1 1/4	1 1/2	1 3/4
App. No. to lb.	396	361	286	249	210
Ad. over base..	\$3.70	3.60	3.50	3.45	3.40

7/16 in. Head; No. 11 Gauge

Length, in. ...	3/8	1	1 1/4	1 1/2	1 3/4
App. No. to lb.	280	255	210	180	150
Ad. over base..	\$3.60	3.50	3.40	3.35	3.30

100 pounds in a keg.

ROOFING NAILS

AMERICAN IDEAL

Large Flat Checker Head.



Long Diamond Point.

For all kinds of smooth, grit surfaced and asbestos roll roofing and asphalt and asbestos shingles. Well centered head.

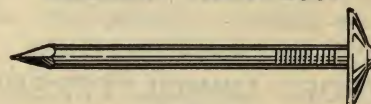
Galvanized; 1/2 in. Head, No. 11 Gauge

Length, in.	3/4	7/8	1	1 1/8
App. No. to lb...	234	210	195	180
Ad. over base...	\$4.60	4.30	4.25	4.05

Length, in.	1 1/4	1 1/2	1 3/4	2
App. No. to lb...	168	135	128	118
Ad. over base...	\$4.00	3.95	3.90	3.90

100 pounds in a keg.

AMERICAN LEAK-PROOF



Self-Sealing Curved Spring Head

Makes a perfect seal, eliminating the necessity of using a lead washer.

The extra heavy coating of zinc over the entire nail, insures the fullest protection against rust so they will last the life of the best grades of corrugated steel roofing.

Zinc Coated

Length, in.	1 1/4	2
Gauge No.	10	10
Approx. No. to lb.....	106	93
Advance over base.....	\$4.55	4.35

100 pounds in a keg.

DICKSON COMPRESSED LEAD HEAD



For Sheet Metal Roofing and Siding

Head is completely covered, top and bottom, with highly compressed lead.

Insures a perfect seal of nail hole and prevents nail from rusting away.

Galvanized

Per 100 pounds
Dickson—1 1/4 in. long, No. 10 gauge; approximately 83 to the pound..\$....

Note—Price on application.

100 pounds in a keg.

READING CUT NAILS

CLINCH OR HINGE



Annealed

Size	8d	10d
Length, in.	2 1/2	3
Approx. No. to lb.....	90	56
Ad. over base	\$1.00	.90

100 pounds in a keg.

AMERICAN CUT TACKS



Blued; in 1/8 Pound Papers

Size, Nos.	1	1 1/2	2	2 1/2
Length, in.	1/8	3/8	1/4	5/8
Per doz. papers.	\$1.20	1.10	.96	.80

Size, Nos.	3	4	6	8
Length, in.	3/8	7/8	1/2	5/8
Per doz. papers.	\$0.70	.60	.50	.40

Blued; in 1/4 Pound Papers

Size, Nos.	6	8	10	12
Length, in.	1/2	5/8	5/8	1 1/8
Per doz. papers.	\$1.20	1.20	1.20	1.20

Size, Nos.	14	16	18
Length, in.	3/4	1 1/8	7/8
Per doz. papers.	\$1.20	1.20	1.20

One dozen papers in a package.

SWEDES UPHOLSTERERS' TACKS



Blued; in 1/8 Pound Papers

Size, Nos.	2	3	4
Length, in.	1/4	3/8	1/2
Per dozen papers.	\$0.70	.70	.70

Blued; in 1/4 Pound Papers

Size, Nos.	6	8	10
Length, in.	1/2	5/8	5/8
Per dozen papers.	\$1.20	1.20	1.50

One dozen papers in a package.

BERRY BOX TACKS

Size, Nos.	1	1 1/2	1	1 1/2
Length, in.	1/8	3/8	1/8	3/8
Per pound	\$0.46	.40		

100 pounds in a case.

CUT CARPET TACKS



Blued; in 1/8 Pound Papers

Size, Nos.	4	6
Length, in.	1/8	1/2
Per dozen papers	\$0.60	.60

Size, Nos.	8	10
Length, in.	1/8	5/8
Per dozen papers	\$0.60	.60

One dozen papers in a package.

CARPET TACK ASSORTMENTS

Blued

Per assortment

Honest Weight—Consists of 1/2 gross assorted Nos. 8 and 10 cut carpet tacks in 1/8 lb. papers; wt. per assortment about 10 lbs....\$3.50
One assortment in a case.

WIRE CARPET TACKS



Blued; in 1/8 Pound Papers

Size, Nos.	4	6
Length, in.	1/8	1/2
Per dozen papers	\$0.60	.60

Size, Nos.	8	10
Length, in.	1/8	5/8
Per dozen papers	\$0.60	.60

One dozen papers in a package.

CUT BILL POSTERS' TACKS



Blued; in 1/4 Pound Papers

Size, Nos.	4	6	8
Length, in.	1/8	1/2	5/8
Per doz. papers	\$1.00	.90	.90

One dozen papers in a carton.

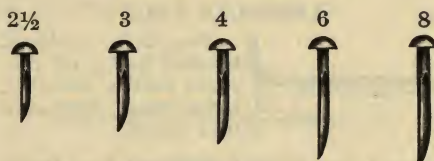
Blued; in 1 Pound Packages

Size, Nos.	4	6	8
Length, in.	1/8	1/2	5/8
Per pound	\$0.28	.27	.26

Blued; in 5 Pound Packages

Size, Nos.	4	6	8
Length, in.	1/8	1/2	5/8
Per pound	\$0.24	.24	.24

GIMP TACKS



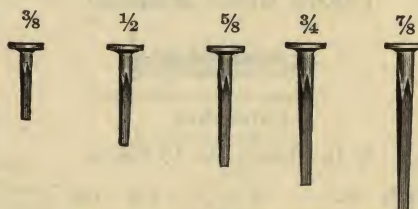
Blued; in 1/8 Pound Papers

Size, Nos.	2 1/2	3	4
Length, in.	3/8	7/8	1/2
Per doz. papers.	\$1.00	.72	.68

Size, Nos.	6	8
Length, in.	5/8	1 1/8
Per doz. papers	\$0.66	.66

One dozen papers in a package.

CLOUT NAILS



Blued; in 1/2 Pound Papers

Length, in.	3/8	1/2	5/8
Per pound	\$0.36	.36	.36

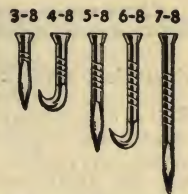
Length, in.	3/4	7/8	1
Per pound	\$0.34	.34	.30

Length, in.	1 1/4	1 1/2	1 3/4
Per pound	\$0.30	.30	.30

100 pounds in case.

COBBLERS' NAILS

HOLD FAST WIRE CLINCH



Iron wire, No. 16 gauge; oval awl-shaped point.

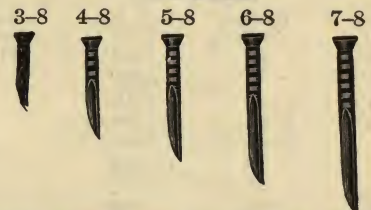
In 1/8 Pound Papers

Length, in.	3-8	4-8
Per dozen papers	\$0.60	.60

Length, in.	5-8	6-8
Per dozen papers	\$0.60	.60

One dozen papers in a package.

STANDARD



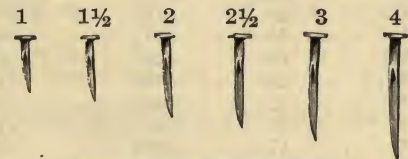
Brass Plated Iron, Corrugated, No. 16 Gauge; in 1/8 Pound Papers

Length, in.	3-8	4-8	5-8
Per dozen papers	\$0.60	.60	.60

Length, in.	6-8	7-8
Per dozen papers	\$0.60	.60

One dozen papers in a package.

HAND SHOE TACKS



Iron; in 1/8 Pound Papers

Size, Nos.	1	1 1/2	2
Length, in.	1/8	3/8	1/2
Per dozen papers.	\$1.20	1.00	.96

Size, Nos.	2 1/2	3
Length, in.	1/2	5/8
Per dozen papers	\$0.88	.80

Size, Nos.	4	6
Length, in.	5/8	1 1/8
Per dozen papers	\$0.80	.80

One dozen papers in a package.

RUBBER HEEL NAILS

HOLD FAST



No. 13 gauge wire; large head; for men's heels.

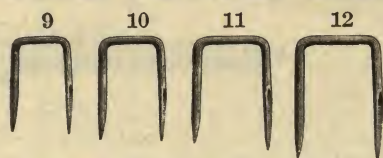
In 1/2 Pound Papers

Length, in.	6-8	7-8	8-8
Per pound	\$0.40	.40	.40

Length, in.	9-8	10-8
Per pound	\$0.40	.40

Open stock.

DOUBLE POINTED TACKS



Blued, in 1/2 Pound Papers

Nos.	9	10	11
Size, in.	3/2 x 7/8	1/4 x 3/4	3/2 x 1/2
Gauge, Nos.	16	16	15
Per dozen papers	\$0.60	.60	.60

Nos.	12	14
Size, in.	5/8 x 5/8	5/8 x 1 1/8
Gauge, Nos.	15	14
Per dozen papers	\$0.60	.60

One dozen papers in a package.

Blued, in 1 Pound Packages

Nos.	9	10	11
Size, in.	3/2 x 7/8	1/4 x 3/4	3/2 x 1/2
Gauge, Nos.	16	16	15
Per pound	\$0.30	.30	.30

Nos.	12	14
Size, in.	5/8 x 5/8	5/8 x 1 1/8
Gauge, Nos.	15	14
Per pound	\$0.30	.30

100 pounds in a case.

WIRE CLOTH STAPLES



Blued

3/2 x 3/8 in. No. 18 gauge.

Per dozen papers

No. 5—In 1/2 pound papers\$0.70

One dozen papers in a package.

Per pound

No. 51—In 1 pound papers\$0.38

100 pounds in a case.

POULTRY NETTING STAPLES

Galvanized, No. 14 Gauge

Steel Wire

Price per pound.



Length, in.	3/4
No. to lb.	480
5 lb. boxes	\$.....
10 lb. boxes	.....
100 lb. boxes	.....

Note—Price on application.

5 and 10 pound boxes packed 100 pounds in a wood box.

FENCE STAPLES



Galvanized

No. 9 gauge steel wire.

Lgth., in.	3/4	1	1 1/4
No. to lb.	120	108	96
Per pound	\$.....	.....	.....

Lgth., in.	1 1/4	1 1/2	1 3/4
No. to lb.	87	72	65
Per pound	\$.....	.....	.....

Polished

No. 9 gauge steel wire.

Length, in.	3/4	7/8	1	1 1/4
No. to lb.	152	120	108	96
Per pound	\$.....	.....	.....	.....

Length, in.	1 1/4	1 1/2	1 3/4	2
No. to lb.	87	72	65	58
Per pound	\$.....	.....	.....	.....

Note—Price on application.

100 pounds in a keg.

FURNITURE NAILS

METALEATHER

Steel; Enameled to Imitate Leather

1/2 in. shank, 7/8 in. head.

Per 1000

No. 1902-B—Black\$2.00

No. 1902-T—Tan 2.00

Wt. per 1000, 1 1/2 lbs.

50 in a box, 20 boxes in a carton.



BRASS HEAD

No. 43

No. 42

No. 41



Polished Brass Head, Steel Wire Shank

Nos.	43	42	41
Head, in.	7/8	3/8	7/8
Shank, in.	5/8	5/8	5/8
Wt. 1000, lbs.	1 1/8	1 1/8	1 1/4
Per 1000	\$1.70	2.10	2.60

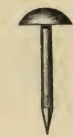
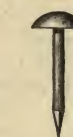
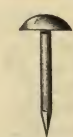
50 in a box, 20 boxes in a carton.

BRASS PLATED HEAD

No. 1043

No. 1042

No. 1041



Brass Plated Steel Head, Steel Wire Shank

Nos.	1043	1042	1041
Head, in.	7/8	3/8	7/8
Shank, in.	5/8	5/8	5/8
Wt. 1000, lbs.	1 1/8	1 1/8	1 1/4
Per 1000	\$1.40	1.70	2.10

50 in a box, 20 boxes in a carton.

CORRUGATED JOINT FASTENERS

STANLEY



Saw Edge; Five Divergent Corrugations

Used for making strong, tight joints in box shooks, cabinet work, screen doors, window screens, broken furniture, signboards, billboards, built-up work, columns, and in all kinds of repair work in wood.

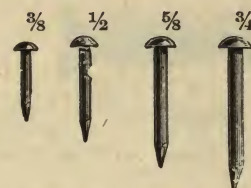
No. 5—1000 in a Package

Depth, in.	3/8	1/2	5/8
Wt. 1000, lbs.	2 1/4	3	3 1/4
Per 1000	\$1.60	1.90	2.20

No. 15—100 in a Package

Depth, in.	3/8	1/2	5/8
Wt. 1000, lbs.	2 1/4	3	3 1/4
Per 1000	\$1.80	2.00	2.70

ESCUTCHEON PINS



Brass, in 1 Pound Boxes

Length, in.	3/8	1/2
Gauge, Nos.	18	18
Approx. No. to lb.	4000	3126
Per pound	\$2.00	1.90

Length, in.	5/8	3/4
Gauge, Nos.	17	17
Approx. No. to lb.	1745	1502
Per pound	\$1.60	1.50

THUMB TACKS

CUT-OUT



High Grade Hardened Steel, Polished

Nos.	1	2
Length, in.	3/8	7/8
Per 1000	\$1.50	1.70

Nos.	3	4
Length, in.	1/2	7/8
Per 1000	\$2.00	2.50

100 in a box with lifter, ten boxes in a carton.

COLORED

7/8 in. Head; In Colors

Colors—Red, Blue, Green, Ivory, Pink or Yellow.

Per dozen blocks

Colored—25 thumb tacks of one color on a block\$1.60

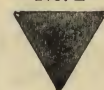
Open stock.

Note—When ordering, always specify color wanted.

GLAZIERS' POINTS

RED DEVIL

No. 2



Zinc Coated, Triangular; in 1/2 Pound Papers

Size, No.	2
Inches	1 1/2
Per dozen papers	\$3.30

One dozen papers in a package.

RED DEVIL, IN CARTONS

Zinc Coated; Triangular; in Counter Display Carton

Per carton

No. 20—Contains twelve 5c packages (1/8 lb. net) all No. 2 size; wt. per carton 1 1/2 lbs.\$0.70

Each package contains a point setter "Gadget" which makes it possible to drive points with an ordinary hammer or chisel.

Twelve packages in a display carton.

IRON



Round Head, Nickel PlatedDiscount ..%

Note—All Iron Wood Screws are invoiced from this list at discount varying with style of head and finish.

List Per Gross

¼ Inch	½ Inch (Cont'd.)	1 Inch (Cont'd.)	1½ Inch (Cont'd.)	2 Inch (Cont'd.)	2½ Inch	3½ Inch (Cont'd.)
No. 0.....\$0.30	No. 6.....\$0.44	No. 4.....\$0.48	No. 11.....\$0.95	No. 18.....\$2.40	No. 8.....\$1.10	No. 16.....\$3.35
No. 1......30	No. 7......48	No. 5......50	No. 12.....1.05	No. 20.....2.80	No. 9.....1.20	No. 18.....3.95
No. 2......30	No. 8......52	No. 6......54	No. 14.....1.35	Nos. 6 to 16,	No. 10.....1.32	No. 20.....4.55
No. 3......32	No. 9......56	No. 7......58	No. 16.....1.70	5 gross.	No. 11.....1.45	No. 24.....5.70
No. 4......32	No. 10......60	No. 8......62	No. 18.....2.05	Nos. 18 to 20,	No. 12.....1.65	Nos. 10 to 16,
10 gro. in carton.	No. 11......64	No. 9......66	No. 20.....2.40	1 gross in carton.	No. 14.....2.05	1 gross.
	No. 12......68	No. 10......70	Nos. 4 to 11,		No. 16.....2.60	Nos. 18 to 24,
	10 gro. in carton.	No. 11......75	10 gross.		No. 18.....3.20	½ gro. in carton.
		No. 12......80	Nos. 12 to 20,	2½ Inch	No. 20.....3.80	
¾ Inch	¾ Inch	No. 14.....1.10	5 gross in carton.	No. 7.....\$0.88	Nos. 8 to 10,	4 Inch
No. 0.....\$0.32	No. 2.....\$0.38	No. 16.....1.40		No. 8......95	5 gross.	No. 12.....\$2.50
No. 1......32	No. 3......40	Nos. 3 to 14,	1¾ Inch	No. 9.....1.05	Nos. 11 to 20,	No. 14.....3.00
No. 2......32	No. 4......40	10 gross.	No. 6.....\$0.72	No. 10.....1.15	1 gross in carton.	No. 16.....3.55
No. 3......34	No. 5......42	No. 16, 5 gross in	No. 7......78	No. 11.....1.25		No. 18.....4.20
No. 4......34	No. 6......46	a carton.	No. 8......84	No. 12.....1.35		No. 20.....4.95
No. 5......34	No. 7......50	1½ Inch	No. 9......90	No. 14.....1.75	3 Inch	No. 24.....6.60
No. 6......38	No. 8......54	No. 4.....\$0.52	No. 10......96	No. 16.....2.20	No. 8.....\$1.20	Nos. 12 and 14,
No. 7......42	No. 9......58	No. 5......54	No. 11.....1.05	No. 18.....2.65	No. 9.....1.30	1 gross
No. 8......46	No. 10......62	No. 6......58	No. 12.....1.15	No. 20.....3.10	No. 10.....1.42	Nos. 16 to 24,
10 gro. in carton.	No. 11......66	No. 7......62	No. 14.....1.50	Nos. 6 to 14,	No. 11.....1.55	½ gro. in carton.
	No. 12......70	No. 8......66	No. 16.....1.90	5 gross.	No. 12.....1.75	
	No. 14......90	No. 9......70	No. 18.....2.30	Nos. 16 to 20,	No. 14.....2.25	
½ Inch	10 gro. in carton.	No. 10......76	No. 20.....2.70	1 gross in carton.	No. 16.....2.80	4½ Inch
No. 1.....\$0.34		No. 11......84	Nos. 6 to 8,	2½ Inch	No. 18.....3.40	No. 14.....\$3.30
No. 2......34	¾ Inch	No. 12......92	10 gross.	No. 6.....\$0.90	No. 20.....4.00	No. 16.....3.85
No. 3......36	No. 3.....\$0.44	No. 14.....1.25	Nos. 9 to 18,	No. 7......96	No. 24.....4.95	No. 18.....4.50
No. 4......36	No. 4......46	No. 16.....1.55	1 gross in carton.	No. 8.....1.05	No. 8, 5 gross.	No. 20.....5.25
No. 5......36	No. 5......48	No. 18.....1.85		No. 9.....1.15	Nos. 9 to 18, 1 gro.	No. 24.....7.10
No. 6......40	No. 6......52	Nos. 4 to 12,	2 Inch	No. 10.....1.25	Nos. 20 and 24,	½ gro. in carton.
No. 7......44	No. 7......56	10 gross.	No. 6.....\$0.78	No. 11.....1.35	½ gro. in carton.	
No. 8......48	No. 8......60	Nos. 14 to 18,	No. 7......84	No. 12.....1.50		5 Inch
No. 9......52	No. 9......64	5 gross in carton.	No. 8......90	No. 14.....1.85	3½ Inch	No. 14.....\$3.65
No. 10......56	No. 10......68	1½ Inch	No. 9.....1.00	No. 16.....2.40	No. 10.....\$1.90	No. 16.....4.20
10 gro. in carton.	No. 11......72	No. 4.....\$0.60	No. 10.....1.10	No. 18.....3.00	No. 11.....2.10	No. 18.....5.00
	No. 12......76	No. 5......62	No. 11.....1.20	No. 20.....3.60	No. 12.....2.30	No. 20.....6.00
¾ Inch	No. 14.....1.05	No. 6......66	No. 12.....1.30	Nos. 6 to 12,	No. 14.....2.80	No. 24.....7.60
No. 2.....\$0.36	10 gro. in carton.	No. 7......70	No. 14.....1.60	5 gross.		½ gro. in carton.
No. 3......38	1 Inch	No. 8......75	No. 16.....2.00	Nos. 14 to 20,		
No. 4......38	No. 3.....\$0.46	No. 9......80		1 gross in carton.		
No. 5......40		No. 10......86				

BRASS

Round Head Brass Discount ..%

Note—All Brass Wood Screws are invoiced from this list at discount varying with style of head.

List Per Gross

¼ Inch	½ Inch (Cont'd.)	¾ Inch (Cont'd.)	1 Inch (Cont'd.)	1½ Inch (Cont'd.)	2 Inch (Cont'd.)	2½ Inch (Cont'd.)
No. 0.....\$0.64	No. 6.....\$1.25	No. 9.....\$2.25	No. 10.....\$3.00	No. 10.....\$4.00	No. 12.....\$ 6.55	No. 14.....\$ 9.85
No. 1......66	No. 7..... 1.45	No. 10..... 2.50	No. 11..... 3.35	No. 11..... 4.55	No. 14..... 8.15	No. 16..... 12.50
No. 2......70	No. 8..... 1.65	No. 11..... 2.75	No. 12..... 3.80	No. 12..... 5.10	No. 16..... 10.30	No. 18..... 15.10
No. 3......76	10 gro. in carton.	No. 12..... 3.10	No. 14..... 4.90	No. 14..... 6.50	No. 18..... 12.45	Nos. 10 to 12,
No. 4......86	¾ Inch	10 gro. in carton.	10 gro. in carton.	Nos. 6 to 11,	Nos. 8 to 16,	5 gross.
10 gro. in carton.	No. 2.....\$0.90	¾ Inch	1¼ Inch	10 gross.	5 gross.	Nos. 14 to 18,
¾ Inch	No. 3..... 1.00	No. 4.....\$1.40	No. 6.....\$2.20	Nos. 12 to 14,	No. 18,	1 gross in carton.
No. 0.....\$0.66	No. 4..... 1.10	No. 5..... 1.55	No. 7..... 2.50	5 gross in carton.	1 gross in carton.	3 Inch
No. 1......70	No. 5..... 1.25	No. 6..... 1.75	No. 8..... 2.80	1¾ Inch	2¼ Inch	No. 12.....\$ 9.15
No. 2......76	No. 6..... 1.40	No. 7..... 2.00	No. 9..... 3.20	No. 8.....\$3.65	No. 10.....\$ 5.60	No. 14..... 11.20
No. 3......82	No. 7..... 1.60	No. 8..... 2.25	No. 10..... 3.60	No. 9..... 4.10	No. 11..... 6.35	No. 16..... 14.40
No. 4......90	No. 8..... 1.80	No. 9..... 2.50	No. 11..... 4.00	No. 10..... 4.60	No. 12..... 7.15	No. 18..... 17.65
No. 5......98	No. 9..... 2.05	No. 10..... 2.75	No. 12..... 4.45	No. 11..... 5.20	No. 14..... 9.00	1 gross in carton.
No. 6..... 1.10	No. 10..... 2.30	No. 11..... 3.10	No. 14..... 5.75	No. 12..... 5.85	No. 16..... 11.35	3½ Inch
10 gro. in carton.	10 gro. in carton.	No. 12..... 3.45	Nos. 6 to 12,	No. 14..... 7.40	No. 18..... 13.60	No. 12.....\$11.20
¾ Inch	¾ Inch	10 gro. in carton.	10 gross.	No. 8, 10 gross.	Nos. 10 to 14,	No. 14..... 13.25
No. 1.....\$0.78	No. 2.....\$1.00	1 Inch	No. 14,	Nos. 9 to 14,	5 gross.	No. 16..... 16.65
No. 2......84	No. 3..... 1.10	No. 4.....\$1.50	5 gross in carton.	5 gross in carton.	Nos. 16 and 18,	No. 18..... 20.20
No. 3......90	No. 4..... 1.20	No. 5..... 1.65	1½ Inch	2 Inch	1 gross in carton.	Nos. 12 to 16,
No. 4......98	No. 5..... 1.35	No. 6..... 1.85	No. 6.....\$2.45	No. 8.....\$4.00	2½ Inch	1 gross.
No. 5..... 1.10	No. 6..... 1.50	No. 7..... 2.15	No. 7..... 2.80	No. 9..... 4.50	No. 10.....\$ 6.20	No. 18,
	No. 7..... 1.75	No. 8..... 2.40	No. 8..... 3.20	No. 10..... 5.10	No. 11..... 7.00	½ gro. in carton.
	No. 8..... 2.00	No. 9..... 2.70	No. 9..... 3.60	No. 11..... 5.75	No. 12..... 7.80	

Measure Flat Head Over All. Measure Round Head from Under the Head to the Point.

SHEET METAL SCREWS

PARKER-KALON HARDENED Self-Tapping



The easiest, quickest, cheapest way of joining sheet metal and making fastenings to sheet metal.

Threaded and hardened in such a manner as to enable them to cut a thread in the metal as they are screwed in without stripping or otherwise injuring their own thread. Draw and hold parts firmly together.

Type "A," Slotted Round Head; Plain Steel Finish

Nos.	6	7	10-3/4	10-1 1/4	14-7/8	14-1 1/2
Length, in.	3/8	1/2	3/4	1 1/4	7/8	1 1/2
Diam., in.	.138	.155	.191	.191	.251	.251
Wt. 1000, lbs.	1 1/8	2 3/8	5	7 7/8	10 5/8	16 1/2
Per gross	\$0.56	.60	.84	1.00	1.00	1.30

One gross in a box.

STEEL SET SCREWS

CASE HARDENED

Square Head,
Cup Point



Coarse (U.S.S.)
Thread

Standard List Adopted Jan. 22, 1930

List Price per 100

Diameter of screw, in.		$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$
Diameter of head, in.		$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$
Height of head, in.		$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{8}$
Threads per inch		20	18	16	14	13
Length under head, in.	$\frac{1}{2}$	\$2.80	\$3.15	\$3.65	.....	.....
	$\frac{3}{4}$	2.90	3.25	3.75	\$5.45	.....
	$\frac{7}{8}$	3.10	.....	4.00	.....	\$6.75
	1	3.25	3.55	4.30	5.65	6.85
	$1\frac{1}{4}$	.....	3.90	4.80	6.15	7.60
	$1\frac{1}{2}$	.....	4.20	5.25	6.65	8.35
	$1\frac{3}{4}$	.....	.....	.....	.....	9.10
	2	4.55	.....	.....	.....	9.80
	$2\frac{1}{4}$	.....	.....	.....	.....	10.60

ROUND HEAD MACHINE SCREWS

IRON



Standard List Adopted April 2, 1928

List Price per Gross

Threads per in., common	56	48	40	32	32	24-32	24
Diam.	2	3	4	6	8	10	12
Length under head, in.	1/4	\$0.26	\$0.27	\$0.28	\$0.30	\$0.36	.....
5/16	.27	.28	.29	.31	.37	\$0.48	\$0.66
3/8	.28	.29	.30	.32	.39	.50	.68
1/2	.30	.31	.32	.36	.43	.54	.74
5/8	.....	.....	.34	.40	.47	.58	.82
3/4	.....	.....	.36	.43	.49	.62	.86
7/8	.....	.....	.....	.46	.53	.66	.92
1	.....	.....	.42	.50	.57	.70	.98
1 1/4	.....	.....	.....	.58	.69	.82	1.10

BRASS

Standard List Adopted April 2, 1928

List Price per Gross

Threads per in., common		40	32	32	24-32	24
Diam.		4	6	8	10	12
Length under head, in.	¼	\$0.44	\$0.58	\$0.76	\$1.05	\$1.60
	⅜	.48	.66	.88	1.25	1.80
	½	.54	.76	1.02	1.45	2.00
	⅝	.62	.92	1.20	1.75	2.20
	¾	.68	1.00	1.30	1.90	2.40
	⅞	.74	1.10	1.45	2.05	2.60
1		.82	1.20	1.60	2.20	2.80

All above, one gross in a box.

STEEL CAP SCREWS



Coarse (U.S.S.) Thread Fine (S.A.E.) Thread

Hexagon Head, Coarse or Fine Thread
Standard List Adopted Jan. 22, 1930 List Price per 100

Diam. of screw, in.		$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{8}$
Diam. of head, in..		$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{5}{8}$
Height of head, in..		$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{2}$	$\frac{1}{2}$
Threads per inch	U.S.S. Coarse	20	18	16	14
	S.A.E. Fine	28	24	24	20
Length under head to extreme point, in.	$\frac{1}{2}$	\$3.90	\$4.20	\$5.30	....
	$\frac{5}{8}$	4.00	4.30	5.50	....
	$\frac{3}{4}$	4.10	4.50	5.70	\$7.60
	$\frac{7}{8}$	4.30	4.90	5.90	8.00
	1	4.50	5.30	6.20	8.50
	1 $\frac{1}{4}$	5.00	5.90	6.90	9.30
	1 $\frac{1}{2}$	5.50	6.50	7.60	10.30
	1 $\frac{3}{4}$	6.10	7.10	8.30	11.40
	2	6.70	7.80	9.10	12.50
	2 $\frac{1}{4}$	7.30	8.50	9.90	13.60
	2 $\frac{1}{2}$	8.00	9.20	10.70	14.70
	2 $\frac{3}{4}$	8.70	10.00	11.50	15.80
3	9.40	10.80	12.40	16.90	

Diam. of screw, in.	1/2	1/2	3/4
Diam. of head, in.	3/4	1 1/8	7/8
Height of head, in.	3/8	1 1/4	1 1/2

Threads per inch	U.S.S. Coarse	13	12	11
	S.A.E. Fine	20	18	18
Length under head to extreme point, in.	3/4	\$11.10	.....	.....
7/8	11.80	.....	.....	.....
1	12.50	\$20.00	\$21.00	.....
1 1/4	13.60	21.40	22.50	.....
1 1/2	14.70	22.80	24.00	.....
1 3/4	15.80	24.20	25.60	.....
2	16.90	25.60	27.20	.....
2 1/4	18.10	27.00	28.80	.....
2 1/2	19.30	28.40	30.40	.....
2 3/4	20.50	29.80	32.00	.....
3	21.70	31.20	33.60	.....
Add for each 1/4 inch	2.75	3.50	4.50	.....

1/2x3/4 to 1 1/4 in., 100; 1/2x1 1/2 to 3 in., 50 in a package; 1/2 in., 50 in a package; 5/8x1 to 2 1/4 in., 50; 5/8x2 1/2 to 3 in., 25 in a package; balance, 100 in a package.

EYE BOLTS



Steel wire, turned eye, with nut; bright finish.

No. 141—1/8 in. Inside Diameter of Eye; Thread Extends 1 1/2 in. on shank.

Length over all, in.	2 1/4	2 3/4
Length of shank, in.	1 1/2	2
Wt. per dozen, lbs.	5 1/8	1 1/2
Per dozen	\$0.50	.55

Three dozen in a box.

No. 161—1/4 in. Diam. Wire; 1/8 in. Inside Diam. of Eye		
Length over all, in.	2 1/2	3
Length of thread, in.	1	1 1/4
Wt. per dozen, lbs.	3 1/4	7/8
Per dozen	\$0.60	.70

No. 171—1/2 in. Diam. Wire; 3/4 in. Inside Diam. of Eye		
Length over all, in.	3 1/2	4 1/2
Length of thread, in.	1 1/4	1 1/2
Wt. per dozen, lbs.	1 1/2	1 1/8
Per dozen	\$0.90	1.00

No. 181—3/8 in. Diam. Wire, 1/2 in. Inside Diam. of Eye		
Length over all, in.	4	6
Length of thread, in.	1 1/2	1 3/4
Wt. per dozen, lbs.	2 3/8	3
Per dozen	\$1.00	1.10

One dozen in a box.

CARRIAGE BOLTS



American Standard Coarse (U.S.S.) Cut Thread
Oval head, square neck, regular unfinished square nut.

List Price per 100

Length, Inches	Diameter, Inches					
	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$
$\frac{3}{4}$	\$1.05	\$1.05	....	....	....	....
1	1.10	1.10	\$1.65	\$2.10	\$3.50	\$4.25
$1\frac{1}{4}$	1.15	1.15	1.70	2.20	....	....
$1\frac{1}{2}$	1.20	1.20	1.80	2.35	3.75	4.60
$1\frac{3}{4}$	1.35	1.35	2.00	2.60	....	....
2	1.35	1.35	2.00	2.60	4.05	4.95
$2\frac{1}{4}$	1.55	1.55	2.25	2.90	....	....
$2\frac{1}{2}$	1.55	1.55	2.25	2.90	4.40	5.35
$2\frac{3}{4}$	1.70	1.70	2.50	3.20	....	....
3	1.70	1.70	2.50	3.20	4.75	5.75
$3\frac{1}{4}$	....	1.85	2.75	3.50	....	....
$3\frac{1}{2}$	1.85	1.85	2.75	3.50	5.10	6.15
$3\frac{3}{4}$	....	2.30	2.95	3.80	....	....
4	....	2.30	2.95	3.80	5.40	6.55
$4\frac{1}{4}$	....	....	....	....	....	....
$4\frac{1}{2}$	....	2.45	3.40	4.10	5.75	6.95
$4\frac{3}{4}$	....	....	....	....	....	....
5	....	2.60	3.60	4.50	6.10	7.35
$5\frac{1}{2}$	....	2.75	3.85	4.80	6.45	7.80
6	....	2.90	4.05	5.10	6.80	8.20
$6\frac{1}{2}$	....	3.65	4.90	6.30	8.25	9.75
7	....	3.85	5.15	6.65	8.70	10.20
$7\frac{1}{2}$	....	4.00	5.35	6.95	9.15	10.65
8	....	4.20	5.60	7.30	9.60	11.10
$8\frac{1}{2}$	....	....	....	7.60	....	12.05
9	....	....	....	7.95	....	12.50
$9\frac{1}{2}$	....	....	....	8.25	....	12.95
10	....	....	....	8.60	....	13.40
$10\frac{1}{2}$	....	....	....	9.30	....	14.30
11	....	....	....	9.30	....	14.30
$11\frac{1}{2}$	....	....	....	10.00	....	15.20
12	....	....	....	10.00	....	15.20
13	....	....	....	....	....	16.10
14	....	....	....	....	....	17.00
15	....	....	....	....	....	17.90
16	....	....	....	....	....	18.80
18	....	....	....	....	....	20.60
20	....	....	....	....	....	22.40
22	....	....	....	....	....	24.20
24	....	....	....	....	....	26.60

$\frac{1}{8}$ and $\frac{1}{4}$ in., 100 in a package; $\frac{5}{16}$, $\frac{3}{8}$ and $\frac{7}{16}$ in., 50 in a package;
 $\frac{1}{2}$ in. to 8 in. long, 50, $\frac{1}{2}$ in. $8\frac{1}{2}$ to 12 in. long, 25 in a package.

CARRIAGE BOLT ASSORTMENTS

Rolled Thread

Per assortment

No. 50-C-Assortment—Consists of 50 carriage bolts of assorted sizes and lengths; put up in a cardboard box; wt. per assortment $3\frac{3}{4}$ lbs.\$0.40

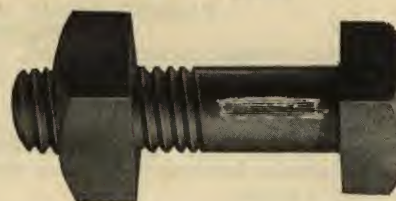
MACHINE BOLT ASSORTMENTS

Rolled Thread

Per assortment

No. 50-M-Assortment—Consists of 50 machine bolts of assorted sizes and lengths; put up in a cardboard box; wt. per assortment 5 lbs.\$0.45

MACHINE BOLTS



American Standard Coarse (U.S.S.) Cut Thread
Square head, regular unfinished square nut.

List Price per 100

Lgth., Inches	Diameter, Inches						
	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$ & $\frac{3}{4}$	
1	\$1.15	\$1.75	\$2.35	\$3.95	\$4.60	.....	.....
1 $\frac{1}{4}$	1.25	1.80	2.45	....	....	.....	.....
1 $\frac{1}{2}$	1.30	1.95	2.60	4.25	5.00	\$8.60	\$10.95
1 $\frac{3}{4}$	1.50	2.20	2.90	....	....	....	.....
2	1.50	2.20	2.90	4.55	5.35	9.10	11.60
2 $\frac{1}{4}$	....	2.45	....	....	....	....	.....
2 $\frac{1}{2}$	1.70	2.45	3.20	4.85	5.75	9.60	12.25
2 $\frac{3}{4}$	....	....	3.50	....	....	....	.....
3	1.85	2.70	3.50	5.20	6.15	10.10	12.90
3 $\frac{1}{4}$	....	....	....	....	....	....	.....
3 $\frac{1}{2}$	2.05	2.95	....	5.50	6.50	10.60	13.55
4	2.50	3.15	4.10	5.85	6.85	11.10	14.20
4 $\frac{1}{2}$	2.65	3.60	4.40	6.15	7.25	11.60	14.85
5	2.80	3.80	4.80	6.50	7.65	12.10	15.50
5 $\frac{1}{2}$	....	4.00	5.10	6.85	8.05	12.60	.....
6	....	4.20	5.40	7.15	8.45	13.10	16.80
6 $\frac{1}{2}$	....	....	6.50	9.20	10.15	.....	.....
7	....	....	6.85	9.65	10.60	14.10	18.10
7 $\frac{1}{2}$	....	....	7.15	10.10	11.05	.....	.....
8	....	....	7.50	10.55	11.50	15.10	19.40
9	....	....	....	....	12.40	16.10	20.70
10	....	....	....	....	13.30	17.10	22.00
11	....	....	....	....	14.70	....	23.30
12	....	....	....	....	15.60	....	24.60

Note— $\frac{1}{8}$ in. Machine Bolts carried in $1\frac{1}{2}$, 2 and 3 in. lengths only.
 $\frac{1}{4}$ in., 100 in a package; $\frac{5}{16}$, $\frac{3}{8}$ and $\frac{7}{16}$ in., 50 in a package; $\frac{1}{2}$ in. to 10 in. long, 50, $\frac{1}{2}$ in. 11 and 12 in. long, 25 in a package; $\frac{5}{8}$ in. to 8 in. long, 25 in a package; $\frac{5}{8}$ in., 9 in. and longer and $\frac{3}{4}$ in. all sizes in bulk.

LAG BOLTS



Square Head, Cut Thread; Gimlet Point

Standard List Adopted April 1, 1927

List Price per 100

Length, in.	Diameter, inches				
	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$
1	\$2.35	....	....	....	....
$1\frac{1}{2}$	2.15	\$2.15	\$2.60	....	....
2	2.35	2.35	2.85	\$4.45	....
$2\frac{1}{2}$	2.55	2.55	3.10	4.85	....
3	2.80	2.80	3.40	5.30	\$7.50
$3\frac{1}{2}$	....	3.05	3.70	5.75	....
4	....	3.30	4.00	6.20	8.80
$4\frac{1}{2}$	....	....	4.30	....	....
5	....	3.80	4.65	7.10	10.10
6	....	4.35	5.35	8.00	11.40
$6\frac{1}{2}$	....	....	....	....	....
7	....	....	....	8.90	12.70
8	....	....	....	9.80	14.00

$\frac{1}{4}$ and $\frac{5}{16}$ in., 100 in a box; $\frac{3}{8}$ and $\frac{1}{2}$ in., 50 in a box;
 $\frac{5}{8}$ in., 25 in a box.

PLOW BOLTS



No. 1—Countersunk Key Head
With American Standard Regular Unfinished Square Nut.

$\frac{3}{8}$ Inch Diameter			
Length, in.	1 $\frac{1}{4}$	1 $\frac{1}{2}$	
Wt. per 100, lbs.	7.52	8.22	
Per 100	\$2.75	2.90	

Length, in. 2			
Wt. per 100, lbs.	9.62		
Per 100	\$3.20		
50 in a box.			



No. 3—Countersunk Round Head, Square Shank
With American Standard Regular Unfinished Square Nut.

$\frac{3}{8}$ Inch Diameter			
Length, in.	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$
Wt. per 100, lbs.	6.82	7.52	8.22
Per 100	\$2.60	2.75	2.90

Length, in. 1 $\frac{3}{4}$			
Wt. per 100, lbs.	8.90	9.62	
Per 100	\$3.05	3.20	
50 in a box.			

ELEVATOR BOLTS



No. 1—Flat Countersunk Head, Square Neck
With American Standard Regular Unfinished Square Nut.

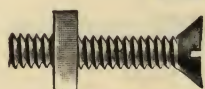
$\frac{1}{4}$ in. Diameter			
Length, in.	$\frac{3}{4}$	1	1 $\frac{1}{4}$
Wt. per 100, lbs.	2 $\frac{1}{2}$	3	3 $\frac{1}{2}$
Per 100	\$3.30	3.45	3.60

$\frac{3}{8}$ in. Diameter			
Length, in.	$\frac{3}{4}$	1	1 $\frac{1}{4}$
Wt. per 100, lbs.	1 $\frac{1}{2}$	1 $\frac{5}{8}$	1 $\frac{3}{4}$
Per 100	\$3.30	3.45	3.60

100 in a box.

STOVE BOLTS

FLAT OR ROUND END



Flat Head



Round Head

National Standard Thread, Square Nut

Standard List Adopted May 1, 1934

List Price per 100

Length, inches	Diameter, inches				
	$\frac{1}{8}$ or $\frac{3}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$
$\frac{3}{8}$	\$0.57	\$0.67	....	....	....
$\frac{1}{2}$ .....	.60	.70	\$1.12	....	....
$\frac{5}{8}$ .....	.63	.73	1.18	....	....
$\frac{3}{4}$ .....	.66	.76	1.25	\$2.12	....
$\frac{7}{8}$ .....	.68	.79	1.31	2.20	....
1 .....	.71	.83	1.38	2.27	\$3.10
1 $\frac{1}{4}$ .....	.80	.90	1.51	2.41	3.30
1 $\frac{1}{2}$ .....	.89	1.01	1.64	2.59	3.50
1 $\frac{3}{4}$ .....	....	1.12	1.80	2.77	3.75
2 .....	....	1.27	1.98	3.00	4.00
2 $\frac{1}{4}$ .....	....	1.41	2.16	3.20	....
2 $\frac{1}{2}$ .....	....	1.59	2.34	3.45	4.55
2 $\frac{3}{4}$ .....	....	1.77	2.55	3.70	....
3 .....	....	1.95	2.75	3.95	5.20
3 $\frac{1}{2}$ .....	....	2.25	3.10	4.40	....
4 .....	....	2.55	3.45	4.85	....
5 .....	....	3.15	4.15	5.75	....
6 .....	....	3.75	4.85	....	....

100 in a box.

STOVE BOLT ASSORTMENTS



Bolts With Nuts

Per assortment
No. 100—Assortment—Consists of 100 Stove Bolts of assorted sizes and lengths as enumerated below; wt. per assortment 1 $\frac{3}{4}$ lbs. \$0.96

Contents of No. 100 Assortment

Flat Head		Round Head	
10 each $\frac{3}{8}$ x $\frac{3}{4}$, 1		10 each $\frac{3}{8}$ x $\frac{1}{2}$, $\frac{3}{4}$	
10 each $\frac{1}{4}$ x $\frac{3}{4}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$		10 each $\frac{1}{4}$ x $\frac{3}{4}$, 1	

One assortment in a box.

STOVE RODS

FLAT HEAD, SLOTTED



$\frac{1}{4}$ in. Diameter, Slotted Head; With Square Nut

Length, in.	6	7	8	9	10	12
Wt. 100, lbs.	7.42	8.48	9.51	10.54	11.57	13.64
Per 100	\$2.40	2.60	2.80	3.00	3.20	3.60

Length, in.	14	16	18	20	22	24
Wt. 100, lbs.	15.70	17.76	19.82	21.88	23.95	26.01
Per 100	\$4.00	4.40	4.80	5.20	5.60	6.00

Length, in.	26	28	30	32	36
Wt. 100, lbs.	28.07	30.13	32.20	34.26	38.38
Per 100	\$6.40	6.80	7.20	7.60	8.40

Open stock.

TIRE BOLTS



Plain, with Square Nut
Standard List Adopted Aug. 11, 1931

$\frac{1}{8}$ in. Diameter			
Length, in.	1 $\frac{1}{4}$	2	2 $\frac{1}{4}$
Wt. per 100, lbs.	1.77	1.93	2.09
Per 100	\$0.65	.70	.75

$\frac{1}{4}$ in. Diameter			
Length, in.	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$
Wt. per 100, lbs.	3.01	3.20	3.45
Per 100	\$1.05	1.10	1.15

100 in a box.

STOVE BOLT NUTS



SQUARE
Cold Pressed, Tapped

For bolt, in.	$\frac{1}{8}$	$\frac{1}{4}$
Threads to inch	24	20
Wt. per 100, lbs. ....	.40	.73
Per 100	\$0.26	.44

100 in a box.

WING OR THUMB NUTS



Pressed Steel, Coarse (U.S.S.)
Thread

Size, in.	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$
Threads to inch	24	20	18	16	14
Wt. per 100, lbs. ....	.78	1.70	2.20	4.01	10.7
Per 100	\$1.50	1.60	2.00	2.50	3.00

Fifty in a box.

TOGGLE BOLTS

SPRINGIN

Type 5500

The resilient wings — the distinctive feature of Springin—are made of tempered spring steel with a cam action against the saddle which throws them to open position. The wings are the springs and are very powerful so that the toggle will carry a much greater load than is ever required of a fastening of this type.

With Round Head Screws, National Standard Thread

Nos.	5508	5510	5511	5513
Diam. screw, in.	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{3}{16}$	$\frac{3}{16}$
Length screw, in.	4	3	4	6
Drill required, in.	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
Wt. per 100, lbs.	2	3	4	5 $\frac{1}{2}$
Per 100	\$7.00	6.85	7.15	7.80

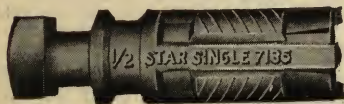
Nos.	5515	5516	5518
Diam. screw, in.	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$
Length screw, in.	3	4	6
Drill required, in.	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{5}{8}$
Wt. per 100, lbs.	6	7	9 $\frac{1}{2}$
Per 100	\$7.85	8.15	8.95

No. 5508, 100; balance, 50 in a box.

EXPANSION SHIELDS

STAR SINGLE

Type 7100



A three way expansion shield which permits the shield to conform to irregular shaped holes, giving equal expansion in three directions.

Form fitting lugs on bottom of the shield prevent the tapered nut from falling out and eliminates the possibility of the nut rotating in the shield during the expansion.

For Machine Bolts

Malleable iron, cadmium plated. Without bolts.

Nos.	7125	7135
For machine bolts, diam., in.	$\frac{3}{8}$	$\frac{1}{2}$
Length shield, in.	2	2 $\frac{1}{8}$
Outside diam. of shield, in.	$\frac{3}{4}$	$\frac{7}{8}$
Wt. per 100, lbs.	12	15
Per 100	\$25.00	38.00

No. 7125, 100; No. 7135, 50 in a box.

Note—O. D. also indicates size of drill to use.

SEBCO

Type 1900



Circular projecting ribs grip into sides of hole, checking any tendency to slip.

For Lag Bolts

Malleable, iron, cadmium plated. Without bolts.

Nos.	1915	1925	1935	1945
For lag bolts, diam., in.	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$
Length shield, in.	1 $\frac{1}{2}$	2 $\frac{3}{4}$	3 $\frac{1}{2}$	3 $\frac{1}{2}$
Outside diam. shield, in.	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Wt. per 100, lbs.	5 $\frac{1}{2}$	12	19	29 $\frac{1}{2}$
Per 100	\$15.00	25.00	38.00	45.00

Short Standard

Nos.	1928	1938	1948
For lag bolts, diameter, in.	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$
Length shield, in.	2	2	2
Outside diameter shield, in.	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Wt. per 100, lbs.	9	11	15
Per 100	\$25.00	38.00	45.00

Nos. 1915, 1925, 1928, 100; Nos. 1935 and 1938, 50; Nos. 1945 and 1948, 25 in a box.

Note—O. D. also indicates size of drill to use.

EXPANSION SHIELDS

TAMPIN

Type 4000



Unequalled where shallow hole for installation is necessary and where work has to be dismantled from time to time.

For Machine Screws or Bolts

Special alloy lead sleeve, conical steel nut. Without screws.

Nos.	4010	4015
Size bolt or screw, in.	10-24	$\frac{1}{4}$
Safe working load, lbs.	150	200
Minimum hole required:		
Diam. drill, in.	$\frac{3}{8}$	$\frac{1}{2}$
Depth, in.	$\frac{5}{8}$	$\frac{7}{8}$
Wt. per 100, lbs.	2	5
Per 100	\$4.95	7.20

No. 4010, 100; No. 4015, 50 in a box, with one Tampin Tool.

LEAD SCREW ANCHORS

SCRUIN

Type 400



This is a new design anchor which gives greater holding power; requiring a smaller installation hole for the corresponding size screw.

For Wood Screws. Without Screws

Nos.	409	412	413	418
Outside diam., in.	$\frac{1}{4}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{3}{8}$
Length anchor, in.	$\frac{3}{4}$	1	1 $\frac{1}{2}$	1 $\frac{1}{2}$
For screws, Nos.	6-8-10	10-12-14	10-12-14	16-18
Wt. per 100, lbs.	1	2	3	4
Per 100	\$5.60	5.60	8.00	9.00

Nos. 409 to 413, 100; No. 418, 50 in a box.

Note—O. D. also indicates size of drill to use.

MASONRY NAILS

PARKER-KALON HARDENED



Expressly designed for making fastenings to brick, mortar, concrete, etc.

Electro-Galvanized Finish

Size, in.	$\frac{1}{2} \times 1$	$\frac{1}{2} \times 1\frac{1}{4}$	$\frac{1}{2} \times 1\frac{1}{2}$	$\frac{1}{2} \times 2$	$\frac{1}{2} \times 2\frac{1}{2}$
Wt. 100, lbs.	$\frac{2}{3}$	1 $\frac{1}{3}$	2 $\frac{1}{2}$	3 $\frac{1}{4}$	4
Per 100	\$1.00	1.30	1.90	2.40	2.90

100 in a box.

MASONRY DRILL PUNCHES



For Use With Masonry Nails

High grade steel; quick cutting. Easily reground.

Size, in.	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
Wt. dozen, lbs.	1 $\frac{1}{8}$	1 $\frac{1}{2}$	1 $\frac{1}{8}$
Per dozen	\$7.20	7.20	7.20

Open stock.

MASONRY NAIL DRILL BITS AND HOLDERS



For Use With Masonry Nails

Especially designed for making holes in brick, concrete, etc. in cases where it is necessary to bore starting holes

DRILL BITS ONLY

Best grade steel. Easily reground when dull.

Size, in.	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
Wt. dozen, ozs.	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$
Per dozen	\$7.20	7.20	7.20

DRILL BIT HOLDERS

Each

Drill Bit Holder—Tool steel, takes all sizes of drill bits;

wt. each 5-ozs. \$1.20

Open stock.

HOT PRESSED NUTS TAPPED



Square

Coarse (U.S.S.) Thread
American Standard Regular Sizes. Single chamfer, single countersink.

Standard List Effective July 1, 1931.



Hexagon

Square

For bolt, in.	Threads to inch	Width, in.	Thick-ness, in.	No. in a carton	Wt. per 1000 lbs.	Per 100
1/4	20	1/8	3/32	100	8.1	\$0.38
5/16	18	9/16	1/4	100	17.2	.59
3/8	16	5/8	5/16	100	22.8	.77
7/16	14	3/4	3/8	50	41.4	1.21
1/2	13	13/16	7/16	50	55.5	1.67
5/8	12	7/8	1/2	50	78.	2.42
3/4	11	1	5/8	50	102.9	2.88
7/8	10	1 1/8	3/4	50	141.5	4.03

Hexagon

For bolt, in.	Threads to inch	Width, in.	Thick-ness, in.	No. in a carton	Wt. per 1000 lbs.	Per 100
1/4	20	1/8	3/32	100	7.8	\$0.46
5/16	18	9/16	1/4	100	16.0	.81
3/8	16	5/8	5/16	100	22.8	1.15
7/16	14	3/4	3/8	50	38.8	1.61
1/2	13	13/16	7/16	50	50.4	2.19
5/8	12	7/8	1/2	50	85.0	2.76
3/4	11	1	5/8	50	100.1	3.34
7/8	10	1 1/8	3/4	50	141.4	4.43

SEMI-FINISHED NUTS TAPPED

American Standard Heavy Sizes.

Milled from Bar



Single Chamfer,
Single Countersink.

Standard List Effective April 1, 1927

Hexagon; Coarse (U. S. S.) Thread

For bolt, in.	Threads to inch	Width, in.	Thick-ness, in.	No. in a carton	Wt. carton, lbs.	Per 100
1/4	20	1/2	1/4	100	1.19	\$0.86
5/16	18	5/8	5/16	100	2.09	1.15
3/8	16	11/16	3/8	100	3.20	1.55
7/16	14	13/16	7/16	100	4.62	2.19
1/2	13	7/8	1/2	100	6.88	2.76
5/8	12	1 1/8	5/8	100	9.22	3.80
3/4	11	1 1/2	3/4	100	12.10	4.60
7/8	10	1 3/4	7/8	50	10.08	6.56

American Standard Light Sizes

Milled from Bar



Single Chamfer,
Single Countersink

Standard List Effective April 1, 1927

Hexagon; Fine (S.A.E.) Thread

For bolt, in.	Threads to inch	Width, in.	Thick-ness, in.	No. in a carton	Wt. carton, lbs.	Per 100
1/4	28	1/8	3/32	100	.72	\$0.75
5/16	24	1/2	1/4	100	1.07	.86
3/8	24	5/8	5/16	100	1.50	1.09
7/16	20	3/4	3/8	100	2.08	1.50
1/2	20	7/8	1/2	100	3.69	1.90
5/8	18	1	5/8	100	5.80	2.88
3/4	18	1 1/8	3/4	100	7.20	3.68
7/8	16	1 1/4	7/8	100	10.00	5.75

CASTELLATED NUTS SEMI-FINISHED, TAPPED

American Standard Light Sizes.
Milled from Bar



Standard List Effective April 1, 1927

Hexagon; Fine (S.A.E.) Thread

For bolt, in.	Threads to inch	Width, Across Flat, in.	Thick-ness, in.	No. in a carton	Wt. carton, lbs.	Per 100
1/4	28	1/8	3/32	100	.72	\$1.32
5/16	24	1/2	1/4	100	1.08	1.55
3/8	24	5/8	5/16	100	1.47	1.84
7/16	20	3/4	3/8	100	1.96	2.30
1/2	20	7/8	1/2	100	3.75	3.28
5/8	18	1	5/8	100	5.88	4.83
3/4	18	1 1/8	3/4	100	7.54	5.64
7/8	16	1 1/4	7/8	50	10.67	8.97

MACHINE SCREW NUTS

Hexagon, Cold Pressed, Coarse Thread
Standard List Adopted November 1, 1934.



IRON

Size Nos.	2	3	4	6	8	10	12
Thrsds. to in...	56	48	40	32	32	24	24
Width, in.	5/8	7/8	1 1/4	1 1/2	1 3/4	2	2 1/8
Wt. gross, lbs..	.06	.06	.17	.31	.41	.48	.81
Per gross	\$0.45	.45	.34	.36	.40	.43	.63

BRASS

Size Nos.	4	6	8	10	12
Threads to in.	40	32	32	24	24
Width, in.	1/4	5/8	3/4	1	1 1/8
Wt. gross., lbs. ....	.18	.34	.44	.52	.87
Per gross	\$0.80	1.00	1.25	1.40	2.40

One gross in a box.

LOCK WASHERS

KANT-LINK PATTERN

Heat Treated Steel; Parkerized

Rustproof Finish

Size bolt, inches	Width steel, inches	Thickness steel, in.	Wt. per 1000	Per 1000
5/16	1/8	3/16	11 ozs.	\$1.75
1/4	5/16	1/8	1 lb. 9 ozs.	2.15
5/16	1/2	3/16	4 lbs. 7 ozs.	3.35
3/8	1/2	3/16	5 lbs.	3.75
7/16	1/2	1/8	13 lbs. 7 ozs.	8.40
1/2	1 1/4	1/8	17 lbs. 4 ozs.	11.90
5/8	1 1/2	1/8	17 lbs.	12.00
3/4	1 3/4	3/16	23 lbs. 12 ozs.	15.80
		1/8	43 lbs.	25.60

100 in a box.

KANT-LINK S.A.E. STANDARD ASSORTMENT

No. 50 Assortment—Consists of 50 assorted Kant-Link lock washers as enumerated below, put up in a box; wt. per dozen assortments 4 1/2 lbs. \$0.40

Contents of Assortment

5—5/16 in.	11—5/16 in.	4—7/8 in.	3—5/8 in.
11—1/4 in.	11—3/8 in.	5—1/2 in.	

100 assortments in a case.

WROUGHT WASHERS

STANDARD

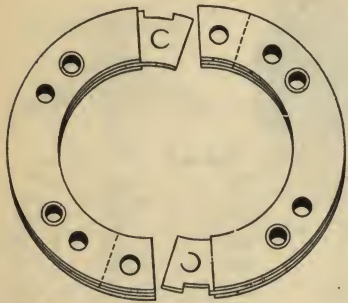
Manufacturers' Standard Sizes.
List Effective July 15, 1935

In 5 lb. Boxes

For bolt, in.	Outside diam., in.	Size of hole, in.	Thickness wire gauge	Est. No. in 100 lbs.	Per 100 lbs.
5/16	1/8	1/4	18 (3/4)	39400	\$15.25
1/4	1/2	5/16	16 (1)	15600	13.45
5/16	3/8	3/8	16 (1 1/8)	11250	12.65
3/8	1	7/8	14 (1 1/4)	6800	11.75
7/16	1 1/4	1 1/2	14 (1 3/4)	4300	11.05
1/2	1 3/8	1 3/4	12 (2)	2600	10.65
5/8	1 1/2	1 3/4	12 (2 1/2)	2250	10.55
3/4	1 3/4	1 3/4	10 (3)	1300	10.55
7/8	2	1 3/4	9 (3 1/2)	1010	10.45
1	2 1/4	1 3/4	8 (4)	860	10.45
	2 1/2	1 3/4	8 (4 1/2)	625	10.45

SPLIT WASHERS

JOHN DAY'S IMPROVED



For quick repairs.
Can be attached quickly without machinery shut-downs. Ideal for agricultural machinery, road machinery, mill machinery, mining machinery, etc. Made of surface finished cold rolled sheet steel, as smooth as a bearing. Holes provide oil pockets for lasting lubrication. Positive locking device.

Inside diameter, in.	1	1 1/4	1 1/2	1 3/4	2
Thickness, inches	1/8	1/8	1/8	1/8	1/2
Face, inches	1/2	1/2	1/2	1/2	1/2
Wt. dozen, lbs.	7/8	1	1 1/8	1 1/4	1 3/4
Per dozen	\$2.90	3.20	3.50	3.70	4.50

Open stock.

MALLEABLE IRON WASHERS



Cheap as cast washers, yet are 400 per cent stronger. Standard diameter same as cast washers, thickness about one-half; save 1/2 to 1 in. in length of bolts and are practically indestructible.

With nut locking feature.

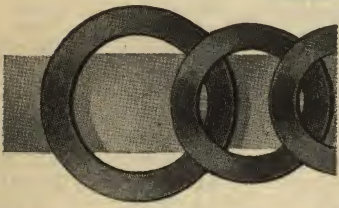
No. 10—Standard Pattern

For bolt, inches	1/2	5/8	3/4	7/8	1	1 1/4
Diameter, inches	2 1/2	2 3/4	3	3 1/2	4	5
Thickness, inches	1/4	1/8	1/8	1/8	1/2	5/8
Wt. per 100 washers, lbs.	15	22	33	50	68	150
Per pound	Market Price					

200 pounds in a keg.

MACHINERY BUSHINGS

NARROW RIM



Mild Steel

For taking up wear on all kinds of farm machinery, threshing machines and windmills.

Hole, in.	1/8	5/8
Gauge No.	18	18
Wt. 100, lbs. ....	.85	.95
Per 100	\$1.00	1.50

Holes, in.	3/4	7/8	1	1 1/8	1 1/4	1 1/2
Gauge No.	14	14	14	14	14	14
Wt. 100, lbs.	1.70	1.95	2.25	3.30	3.50	5.90
Per 100	\$2.00	2.50	3.00	4.00	5.00	8.00

Open stock.

TURNBUCKLES

DROP FORGED



No. G-225—With Hook and Eye; Weldless, Hot Galvanized

Diam., in.	1/4	1/8	3/8	1/2
Take-up, in.	4	4 1/2	6	6
Wt. dozen, lbs.	3	5 1/2	9 1/2	15 1/2
Per dozen	\$6.00	7.20	9.60	13.50



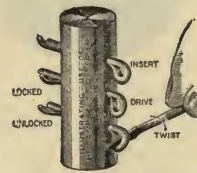
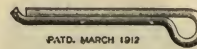
No. G-226—With Eye and Eye; Weldless, Hot Galvanized

Diam., in.	1/4	1/8	3/8	1/2
Take-up, in.	4	4 1/2	6	6
Wt. dozen, lbs.	3	5 1/2	9 1/2	15 1/2
Per dozen	\$6.00	7.20	9.60	13.50

Open stock.

COTTER PINS

CAMPBELL "HAMMER LOCK"



Self-Spreading

Spread and locked with one blow from a hammer, yet can be easily taken out.

Especially adapted for quick repairs. May be used over and over again. Easy to insert.

Bright steel. Length measured under head.

Standard List Adopted May 24, 1928

Size, in.	3/4 x 1 1/8	1 x 1 1/8	1 1/4 x 1 1/8	1 1/2 x 1 1/8	1 3/4 x 1 1/8
No. in package	1000	1000	1000	1000	1000
Wt. 1000, lbs.	3/4	7/8	1 1/4	2 1/8	2 5/8
Per 1000	\$0.45	.55	.53	.65	.78

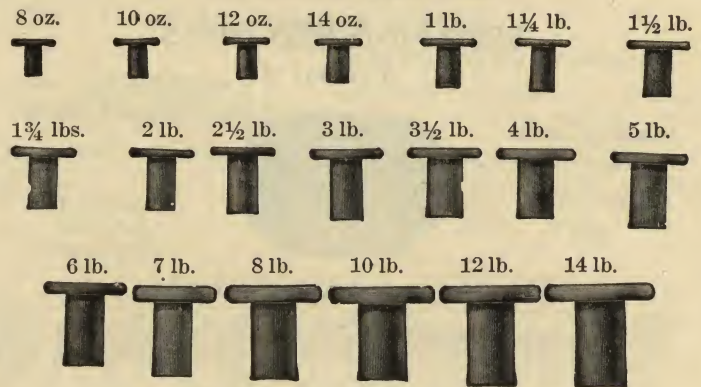
Size, in.	1 1/2 x 1 1/8	1 x 1 1/8	1 1/4 x 1 1/8	1 1/2 x 1 1/8	2 x 1 1/8
No. in package	1000	1000	1000	1000	500
Wt. 1000, lbs.	3 1/8	4	4 1/8	5 5/8	7 1/8
Per 1000	\$0.90	.90	1.10	1.25	1.60

Size, in.	1 x 1 1/8	1 1/2 x 1 1/8	2 x 1 1/8	2 1/2 x 1 1/8	3 x 1 1/8
No. in package	500	250	250	250	125
Wt. 1000, lbs.	10 1/4	13 3/4	18	35	40 1/2
Per 1000	\$2.05	2.75	3.45	7.00	7.80

Size, in.	2 1/2 x 1 1/8	3 x 1 1/8	3 1/2 x 1 1/8	3 x 3/8	4 x 3/8
No. in package	125	bulk	bulk	bulk	bulk
Wt. 1000, lbs.	56 1/2	64 1/8	71 7/8	89 1/4	113 5/8
Per 1000	\$10.80	11.70	13.90	18.00	23.00

TINNERS' RIVETS

(Illustrations actual size)



Sizes indicate the weight of 1000 rivets in pounds.

Standard List Adopted May 19, 1920.

Per 1000 in packages.

Black or Tinned

Size, ozs	8	10	12	14	1 lb.
Decimal diam., in. ....	.083	.095	.104	.109	.112
Length under head, in.	3/8	1/2	5/8	3/4	7/8
Black Per 1000	\$0.32	.36	.41	.45	.48
Tinned Per 1000	.35	.39	.46	.50	.54

Size, lbs.	1 1/4	1 1/2	1 3/4	2	2 1/2
Decimal diam., in. ....	.120	.130	.135	.144	.148
Length under head, in.	3/8	1/2	5/8	3/4	7/8
Black Per 1000	\$0.54	.62	.67	.72	.83
Tinned Per 1000	.62	.71	.78	.84	.98

Size, lbs.	3	3 1/2	4	5
Decimal diam., in. ....	.161	.165	.176	.188
Length under head, in.	1/2	5/8	3/4	7/8
Black Per 1000	\$0.96	1.09	1.20	1.30
Tinned Per 1000	1.14	1.30	1.44	1.60

Size, lbs.	6	7	8	10
Decimal diam., in. ....	.203	.216	.225	.238
Length under head, in.	3/4	7/8	1	1 1/8
Black Per 1000	\$1.50	1.75	2.00	2.40
Tinned Per 1000	1.86	2.17	2.48	3.00

IRON RIVETS

Standard List Adopted May 19, 1920

5 lb. Boxes

Any Style Head

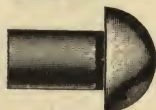
Diameter, inches	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$
$\frac{1}{2}$ and $\frac{5}{8}$ in.	\$0.23	.22	.21 $\frac{1}{2}$	.21	.21
$\frac{3}{4}$ and $\frac{7}{8}$ in.	.22 $\frac{1}{2}$	.21 $\frac{1}{2}$	.21	.20 $\frac{1}{2}$	.20 $\frac{1}{2}$
1 to 2 in.	.22	.21	.20 $\frac{1}{2}$	.20	.20
2 $\frac{1}{4}$ to 3 $\frac{1}{2}$ in.	.25	.23	.22 $\frac{1}{2}$	.22	.22
3 $\frac{3}{4}$ in. and lgr.	.27	.24	.23 $\frac{1}{2}$	.22	.22

25 lb. boxes deduct	.1c per lb. from list
50 lb. boxes deduct	.2c per lb. from list
100 lb. keg deduct	.4c per lb. from list
200 lb. keg deduct	.5c per lb. from list

OVAL HEAD

Open hearth.

Basic steel.



Annealed

soft.

Stock Sizes Oval Head

$\frac{3}{8}$ x $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$, 1 $\frac{3}{4}$, 2, 2 $\frac{1}{4}$, 2 $\frac{1}{2}$, 2 $\frac{3}{4}$ and 3 in.
 $\frac{1}{4}$ x $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$, 1 $\frac{3}{4}$, 2, 2 $\frac{1}{4}$, 2 $\frac{1}{2}$, 2 $\frac{3}{4}$, 3, 3 $\frac{1}{2}$ and 4 in.
 $\frac{1}{8}$ x $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$, 1 $\frac{3}{4}$, 2, 2 $\frac{1}{4}$ and 3 in.
 $\frac{3}{8}$ x $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$, 2, 2 $\frac{1}{2}$ and 3 in.
 $\frac{1}{2}$ x 1 $\frac{1}{2}$, 2, 2 $\frac{1}{2}$ and 3 in.

5 pounds in a box.

WAGON BOX HEAD

Open hearth.

Basic steel.



Annealed

soft.

Stock Sizes Wagon Box Head

$\frac{3}{8}$ x $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$, 1 $\frac{3}{4}$, 2, 2 $\frac{1}{4}$, 2 $\frac{1}{2}$, 2 $\frac{3}{4}$, 3, 3 $\frac{1}{2}$ and 4 in.
 $\frac{1}{4}$ x $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$, 1 $\frac{3}{4}$, 2, 2 $\frac{1}{4}$, 2 $\frac{1}{2}$, 2 $\frac{3}{4}$, 3, 3 $\frac{1}{2}$, 4, 4 $\frac{1}{2}$ and 5 in.
 $\frac{1}{8}$ x $\frac{3}{4}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$, 2 and 2 $\frac{1}{2}$ in.

5 pounds in a box.

IRON SECTION RIVETS



Bung Head



Countersunk head

Diameter of rivets are by wire gauge numbers, the nearest size in fractions of an inch are as follows:

No. 5 wire gauge.... $\frac{3}{16}$ in. No. 6 wire gauge.... $\frac{1}{8}$ in.
No. 5 $\frac{1}{2}$ wire gauge.... $\frac{1}{4}$ in.

In 1 lb. boxes.

Bung Head

No. 5 $\frac{1}{2}$ — $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, 1 $\frac{1}{8}$ and 1 $\frac{1}{4}$ in. long.....\$0.25 $\frac{1}{2}$ Per pound

Countersunk Head

No. 5 — $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, 1 $\frac{1}{8}$ and 1 $\frac{1}{4}$ in. long.....\$0.25 $\frac{1}{2}$ Per pound
No. 5 $\frac{1}{2}$ — $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, 1 $\frac{1}{8}$ and 1 $\frac{1}{4}$ in. long......25 $\frac{1}{2}$
No. 6 — $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, 1 $\frac{1}{8}$ and 1 $\frac{1}{4}$ in. long......25 $\frac{1}{2}$

RIVETING MACHINES



REX

Malleable Iron, Black Japanned, Gilt Trimmed

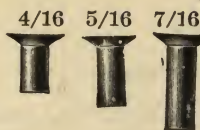
Hardened steel working parts. For clinch or tubular rivets.

Per dozen

Rex—6 $\frac{1}{2}$ in. high, 5 $\frac{1}{2}$ in. long; adjusts automatically to any length rivets; wt. per dozen 32 lbs.....\$18.00

One in a box.

TUBULAR RIVETS


Diameter of body $\frac{3}{4}$ in., diameter of head $\frac{1}{8}$ in.

Japanned, Assorted Lengths

Per dozen boxes

No. 1-AJ—Assorted 4/16 to 8/16 in., 50 in a box; wt. per dozen boxes 1 $\frac{1}{4}$ lbs.....\$1.70

Coppered, Assorted Lengths

Per dozen boxes

No. 1-AC—Assorted 4/16 to 8/16 in., 50 in a box; wt. per dozen boxes 1 $\frac{1}{4}$ lbs.....\$1.70

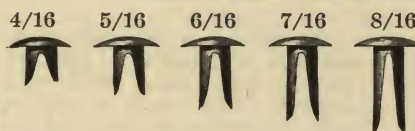
Japanned, Uniform Lengths

Boxes contain 50 rivets.

Length, in. $\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$ $\frac{7}{16}$ $\frac{1}{2}$ $\frac{5}{8}$
Per dozen boxes.\$1.70 1.70 1.80 1.80 1.90 2.00

One dozen boxes in a carton.

SLOTTED CLINCH RIVETS



Coppered, Assorted Lengths

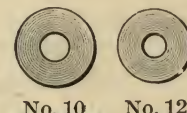
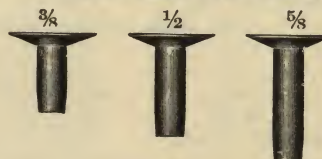
Diameter of body $\frac{3}{4}$ in., diameter of head $\frac{1}{8}$ in.

Per dozen boxes

No. 1—Assorted 4/16 to 8/16 in.; 50 in a box; wt. per dozen boxes 1 $\frac{1}{2}$ lbs.....\$1.40

One dozen boxes in a carton.

COPPER RIVETS AND BURRS



No. 10 No. 12

UNIFORM LENGTHS

Rivets and Burrs in Equal Quantities; $\frac{1}{2}$ Pound Packages

Per pound

No. 9—Lengths $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 and 1 $\frac{1}{4}$ in.....\$0.50
Five pounds in a carton.

ASSORTED LENGTHS

Rivets and Burrs in Equal Quantities, $\frac{1}{2}$ Pound Packages

Per pound

No. 92—No. 9, assorted $\frac{3}{8}$ to $\frac{3}{4}$ in. lengths.....\$0.56
No. 922—No. 9, assorted $\frac{1}{2}$ to $\frac{7}{8}$ in. lengths......56
No. 102—No. 10, assorted $\frac{3}{8}$ to $\frac{3}{4}$ in. lengths......60
No. 122—No. 12, assorted $\frac{3}{8}$ to $\frac{3}{4}$ in. lengths......64

Five pounds in a carton.

Rivets and Burrs in Equal Quantities, $\frac{1}{4}$ Pound Packages

Per pound

No. 94—No. 9, assorted $\frac{3}{8}$ to $\frac{3}{4}$ in. lengths.....\$0.66
No. 944—No. 9, assorted $\frac{1}{2}$ to $\frac{7}{8}$ in. lengths......66
No. 104—No. 10, assorted $\frac{3}{8}$ to $\frac{3}{4}$ in. lengths......64
No. 124—No. 12, assorted $\frac{3}{8}$ to $\frac{3}{4}$ in. lengths......68

Five pounds in a carton.

RIVETING BURRS

Wrought steel, No. 18 gauge.

Tinned



Nos. 7 8
Hole, in. $\frac{1}{8}$ $\frac{1}{4}$
No. to pound 418 407
Per pound\$0.60 .60

Black

Size, in. $\frac{1}{8}$ $\frac{1}{4}$
Hole, in. $\frac{1}{8}$ $\frac{1}{4}$
No. to pound 430 283
Per pound\$0.50 .44

One pound in a box.

PACKING

SANDOW ASBESTOS SHEET



High Pressure

This non-absorbent will not easily vulcanize, burn or char after it has been placed in service.

Recommended for all kinds of compressors, pumps and pipe lines with a pressure of over 100 pounds.

50x50 in. Sheets

Thickness, in.	$\frac{3}{8}$	$\frac{1}{8}$
Weight per sheet, lbs.	$5\frac{1}{4}$	$10\frac{1}{2}$
Per pound	\$1.20	1.20

NORKA RED SHEET



A general service rubber packing that will retain its life for long periods. When faced with graphite, lamp black or talc, it may be easily removed and replaced.

For moderate pressure and moderate temperature service such as is found in hot or cold water pumps; vacuum pumps, air lines, water pipes and low pressure steam lines.

In Rolls, 36 in. Wide

Thickness, in.	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{4}$
Wt. per square yard, lbs.	$5\frac{3}{4}$	$8\frac{5}{8}$	$11\frac{1}{2}$
Per pound	\$0.52	.52	.52

200 pounds in a roll.

Note—We will cut to any length from full width of roll.

OLD CROW SQUARE SPIRAL, PISTON



Built up with layers of frictioned fabric and designed as a general service piston packing for pressures up to 100 pounds.

Thoroughly lubricated and graphited and spiralled so as to conform readily to the piston rod.

12 Feet in a Box

Size, in.	$\frac{1}{4}$	$\frac{1}{8}$	$\frac{3}{8}$
Wt. box, lbs.	$\frac{5}{8}$	$\frac{3}{4}$	$1\frac{1}{8}$
Per pound \$1.50	1.50	1.40	

Size, in.	$\frac{1}{8}$	$\frac{1}{2}$	$\frac{5}{8}$
Wt. box, lbs.	$1\frac{5}{8}$	2	$3\frac{1}{8}$
Per pound \$1.40	1.40	1.40	

OLD CROW, VALVE STEM



Made from the best Long Fibre Asbestos. Each strand is thoroughly lubricated and graphited prior to twisting insuring complete and thorough lubrication.

Will give good service wherever used.

On 1 pound spools

Size, in.	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{2}$
Per pound	\$1.80	1.80	1.80

One spool in a box.

PACKING

NORKA ASBESTOS WICK



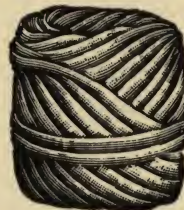
Made of selected long fibre asbestos, spun into strands and twisted into the form of lamp wick.

Suitable for packing small steam rods, valve stems, tubes and kindred work.

Per pound

No. 12-AW—In $\frac{1}{2}$ lb. balls.....\$0.70

Open stock.



COTTON CANDLE WICK

Made of good selected cotton for valve stems, lubricating journals, etc.

Per pound

No. 2-CW—In 2 oz. balls\$1.40

Open stock.

COTTON WASTE

White

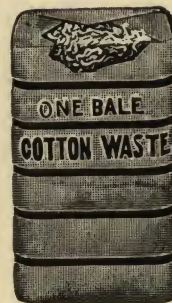
This cotton waste is made from selected materials and is economical to use.

For wiping oil, grease and dirt surfaces.

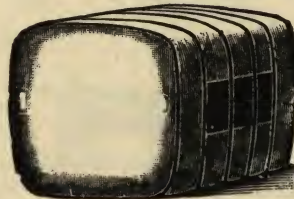
Per pound

No. 1—In 1 lb. packages\$0.30

No. 25—In 25 lb. bales22



WIPING RAGS



White Knit

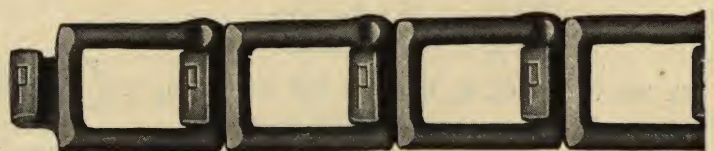
Absolutely clean, sanitary and thoroughly sterilized. All buttons, pins, hooks, etc., removed.

Per pound

Wiping Rags—In 25 lb. bales \$0.30

DETACHABLE SPROCKET CHAIN

PEORIA



High Grade Malleable Iron

Drives with uniform speed. Used on manure spreaders, potato, corn and drill planters, spraying machines, hay loaders, potato diggers, binders, feeders, threshers, corn shellers, etc.

Nos.	25	32	34	42
Approx. links in 10 ft.	133	104	86	88
Approx. wt. 10 ft., lbs.	2.4	3.5	4.0	5.5
Per foot	\$0.17	.17	.18	.19

Nos.	45	55	62
Approx. links in 10 ft.	74	74	73
Approx. wt. 10 ft., lbs.	5.2	7.2	10.6
Per foot	\$0.18	.20	.27

10 feet in a roll.

RUBBER BELTING THERMOID AGRICULTURAL



No. 450—Red Friction Surface

Constructed of 28 ounce duck, 12 to 15 lb. friction. A light flexible farm belt with red friction outside and grey friction between plies.

Recommended for general farm service.

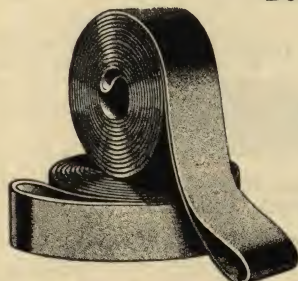
3-Ply					
Width, in.	1	1½	2	2½	3
Weight 100 ft., lbs.	6.6	9.9	13.2	16.5	19.8
Per foot	\$0.20	.31	.39	.48	.55

4-Ply					
Width, in.	4				5
Weight 100 ft., lbs.				35.2	44.0
Per foot				\$0.82	1.02

5-Ply					
Width, in.	6				
Weight 100 ft., lbs.				66.6	
Per foot				\$1.53	

Note—Will cut to any length desired.

ENDLESS RUBBER BELTS BOSTON, FARM



Made Endless by Latest Process

Constructed of plies of duck held together by a high grade rubber friction.

For thresher and tractor service under exposure to sun, wind and rain. A thoroughly dependable belt for general farm use.

Note—These Belts are all made 3 ft. short according to the regular custom on Endless Belts.

5 in. Wide, 4-Ply					
Length, ft.	40	50	60	75	100
Weight each, lbs.	17	22	27	33½	45
Per Belt	\$44.00	54.00	64.00	79.50	105.00

6 in. Wide, 4-Ply					
Length, ft.	40	50	60	75	100
Weight each, lbs.	21	26¾	32½	41	55
Per Belt	\$52.50	64.50	76.50	95.00	125.50

7 in. Wide, 4-Ply					
Length, ft.	50	60	75	100	125
Weight each, lbs.	31	37¾	47½	64	80½
Per Belt	\$75.50	90.00	111.50	147.00	183.00

8 in. Wide, 4-Ply					
Length, ft.	50	60	75	100	125
Weight each, lbs.	35	43	54	73	92
Per Belt	\$81.50	97.00	120.50	158.50	197.00

8 in. Wide, 5-Ply					
Length, ft.			125		150
Weight each, lbs.			116		139
Per Belt			\$247.00		295.00

ROUND LEATHER BELTING

STANDARD SOLID

Superior Tensile Strength and Wearing Quality

Excellent for fans, water or oil pumps, or any light and high speed machinery.

Diameter, in.	¼	⅜	½
Weight per 100 ft., lbs.	2½	3½	4½
Per foot	\$0.11	.15	.19

100 feet on a spool.



BELT DRESSING BLACK DIAMOND STICK



The handy stick with the hollow end that serves as a handle when stick is partly used, enabling the entire stick to be applied without waste or injury to the user.

1 Pound Stick, 2x12 in.

Per stick

No. 4—For leather belts; weight per case 35 lbs. \$0.80
Twenty-five sticks in a case.

BOYER'S STICK



For canvas, leather and rubber belts. Positively prevents slipping. Cannot harm any kind of belt and prolongs the life of leather.

1 Pound Stick

Per stick

No. 1-B—1 pound stick; wt. per case 32 lbs. \$0.50
Twenty-five sticks in a case.

BOYER'S LIQUID

A Belt Dressing and Preservative

Light in color and contains Curriers grease. 100% pure. For canvas, leather and rubber belts, rope drives, etc.

Preserves belts and make them "pull."

Per can

No. 1-BL—1 pint cans; wt. case 10 lbs. \$0.60

Six cans in a case.



CUT BELT LACING



INDIAN TANNED

In Handy Package

Each lace is coiled separately and enclosed in a transparent glassine envelope

Enough coils to make 100 feet of one size are then packed in a Handy Package.

Width, in.	¼	⅜	½	¾	1
Weight package, lbs.	1½	1¾	2	2½	3
Per 100 ft.	\$2.00	2.50	3.00	4.50	5.50

FARMERS HANDY BUNDLE



Made up of various lengths and widths. A piece for every need such as small belts, tie strings, etc.

All soft, pliable lace leather and does not contain heavy thick pieces of harness leather, sole leather or scrap.

Per bundle

No. ½—½ lb. bundle. \$0.36

Open stock.

STEEL BELT LACING

ALLIGATOR

Alligator steel lacing is adapted for use on leather, rubber, Balata, cotton or canvas stitched belts of any width or thickness and will hold securely the size belt it is intended for.

Lacing is smooth on both sides of belt and can run in contact with an idler pulley or on serpentine drives. It can be used in all classes of service, light work or heavy duty on any kind of belting.

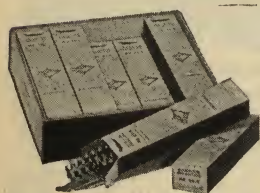
Cold Rolled Steel

Nos.	Thickness belt, inches	Will join width, inches	Length section, inches	Wt. per box, lbs.	Per box
15	$\frac{1}{8}$ to $\frac{3}{8}$	64	8	$\frac{1}{8}$	\$2.60
20	$\frac{3}{8}$ to $\frac{1}{2}$	60	12	$\frac{1}{4}$	2.60
25F	$\frac{1}{2}$ to $\frac{5}{8}$	48	8	$\frac{1}{2}$	2.50
27L	$\frac{1}{4}$ to $\frac{3}{4}$	96	12	$3\frac{1}{2}$	5.30
35M	$\frac{3}{8}$ to $\frac{1}{2}$	32	8	$1\frac{3}{4}$	2.30
35N	$\frac{3}{8}$ to $\frac{1}{2}$	48	12	$2\frac{1}{2}$	3.40
45U	$\frac{1}{8}$ to $\frac{3}{8}$	48	12	$3\frac{1}{2}$	4.50

Packed in boxes complete with gauge pin and hinge pins.

Sectional steel rocker pins regularly supplied with Nos. 15 to 45 inclusive. Rawhide hinge pins supplied only upon request.

ALLIGATOR, HANDY "S" PACKAGES

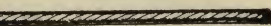


Each Handy Package contains two 6 in. sets of lacing complete with hinge and handle gauge pins, or enough lacing to join 12 in. of belting.

	Per carton
No. 15-S—For belts $\frac{1}{8}$ to $\frac{3}{8}$ in. thick; wt. per carton $2\frac{3}{4}$ lbs.	\$5.50
No. 25-S—For belts $\frac{1}{2}$ to $\frac{3}{4}$ in. thick; wt. per carton $4\frac{1}{2}$ lbs.	7.00
No. 27-S—For belts $\frac{1}{4}$ to $\frac{3}{2}$ in. thick; wt. per carton $5\frac{1}{4}$ lbs.	7.50
No. 35-S—For belts $\frac{3}{8}$ to $\frac{1}{2}$ in. thick; wt. per carton 8 lbs.	9.50

10 packages in a carton.

EXTRA HINGE PINS



Twisted, Rawhide Pins

For lacing, Nos.	15	20	25
Length, in.	8	12	12
Wt. dozen, ozs.	1	$1\frac{1}{2}$	$1\frac{1}{2}$
Per dozen	\$0.60	.90	.90
For lacing, Nos.	27	35	45
Length, in.	12	12	12
Wt. dozen, ozs.	2	$2\frac{1}{2}$	3
Per dozen	\$1.00	1.00	1.20

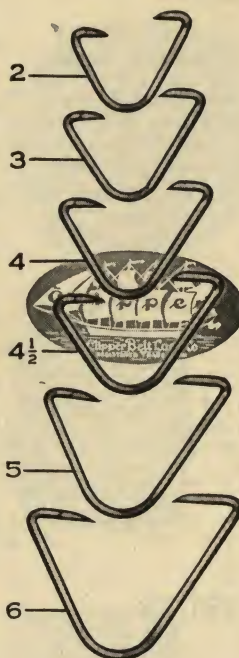
Sectional Steel Rocker Pins

For lacing, Nos.	15	20	25
Length, in.	8	12	12
Wt. dozen, lbs.	$\frac{1}{4}$	$\frac{7}{8}$	$\frac{5}{8}$
Per dozen	\$0.60	.90	.90
For lacing, Nos.	35	45	55
Length, in.	12	12	12
Wt. dozen, lbs.	$\frac{1}{2}$	1	$1\frac{1}{2}$
Per dozen	\$1.00	1.00	1.20

Open stock.

BELT HOOKS

CLIPPER



Joined



Disjoined

Cross section of embedded hook.

100% Staggered

Made from a special steel wire which combines great tensile strength and ability to withstand strain. Actual tests have proven that each hook will stand a pulling strain of 60 lbs., equal to over 400 lbs. per inch of belt.

Both sides of belt are perfectly smooth and the joint is flexible and long lasting. No two hooks enter the belt directly opposite each other therefore no belt fibres are broken.

Suitable for all makes of belting—fabric, leather and rubber.

Small Package Line



8 Cards of 39 Hooks Each (One Size) in a Box, with Sufficient Rawhide Pins

Each box will lace 24 in. total width, both ends of belt.

	Per box
No. S-2—For thin belts over small pulleys; wt. per carton 10 lbs.	\$0.45
No. S-3—For thin belts over medium size pulleys; wt. per carton 11 lbs. ....	.50
No. S-4—For belts not over $\frac{1}{4}$ in. thick; wt. per carton 12 lbs. ....	.50
No. S-4 $\frac{1}{2}$ —For heavy duty belts $\frac{1}{4}$ in. thick; wt. per carton 13 lbs. ....	.60
No. S-5—For belts not over $\frac{1}{8}$ in. thick; wt. per carton 15 lbs. ....	.60
No. S-6—For belts not over $\frac{3}{8}$ in. thick; wt. per carton 18 lbs. ....	.80

Twenty-five boxes in a carton.

BELT LACERS
CLIPPER, VISE TYPE

Cast Steel Faced

For use in any vise. Special attachment permits embedding hooks flush with surface of belt. Uses Nos. 2-S to 6-S hooks.

Laces belts 4 in. or 6 in. wide and $\frac{3}{8}$ in. thick in one operation.

No. 04—4 in.; wt. each $3\frac{1}{2}$ lbs.	Each \$3.00
No. 06—6 in.; wt. each $4\frac{1}{2}$ lbs.	3.00

One in a box.

PREPARED ROOFING

Put up ready to lay. In rolls of 108 square feet, will cover 100 square feet. Complete with large head nails, lap cement and directions for laying inside of roll, 8 square feet allowed for laps per square.

CERTAIN-TEED, SMOOTH SURFACED



Extra Quality

Made of the highest quality felt, saturated and coated with asphalt. It is the thorough saturation which puts Certain-teed roofing above others and gives it its greater durability.

Used on buildings of all kinds. Resists smoke, gases, acids and fumes of all kinds from neighboring factories. Does not affect the taste or odor of rain water.

It is rust-proof, weather-proof and fire-retardant. Insulates against heat and cold and deadens sound.

Certain-teed is the very best roofing on the market. It is made from best materials in the best possible way.

36 in. Wide

	Per roll
No. 1—Light; guaranteed 5 years; wt. per roll 35 lbs.	\$2.00
No. 2—Medium; guaranteed 10 years; wt. per roll 45 lbs.	2.70
No. 3—Heavy; guaranteed 15 years; wt. per roll 55 lbs.	3.35
No. 4—Extra Heavy; guaranteed 15 years; wt. per roll 65 lbs.	4.00

Nos. 2, 3, and 4 carry Fire Underwriters' Label.

GUARD, SMOOTH SURFACED



Special Quality

Medium grade felt saturated and coated with asphalt making it durable, rust-proof, weather-proof and fire-retardant, also insulates against heat and cold and deadens sound.

Offered as a good average quality roofing and will give good service on the roof.

36 in. Wide

	Per roll
No. 1-G—Light; wt. per roll 35 lbs.	\$1.90
No. 2-G—Medium; wt. per roll 45 lbs.	2.56
No. 3-G—Heavy; wt. per roll 55 lbs.	3.12
No. 3-G carries Fire Underwriters' Label.	

All above, open stock.

PREPARED ROOFING

Put up ready to lay. In rolls of 108 square feet, will cover 100 square feet. Complete with large head nails, lap cement and directions for laying inside of roll, 8 square feet allowed for laps per square.

CORPORAL, SMOOTH SURFACED



Competition Grade

An asphalt coated felt roofing made to meet the demand for a good quality roofing for general use.

Suitable for all ordinary out buildings and sheds where expense is the first consideration.

When properly applied this roofing will give good results for many years.

36 in. Wide

	Per roll
No. 1-C—Light; wt. per roll 35 lbs.	\$1.70
No. 2-C—Medium; wt. per roll 45 lbs.	2.24
No. 3-C—Heavy; wt. per roll 55 lbs.	2.80

SENTINEL, SMOOTH SURFACED



Competition Grade

An asphalt saturated felt roofing made to meet the demand where price is the first consideration.

36 in. Wide

	Per roll
No. 1-S—Light; wt. per roll 35 lbs.	\$1.56
No. 2-S—Medium; wt. per roll 45 lbs.	2.12
No. 3-S—Heavy; wt. per roll 55 lbs.	2.70

CERTAIN-TEED, MINERAL SURFACED



Extra Quality

Made of the highest quality felt, saturated and coated with asphalt and surfaced with patented sealed mineral granules.

Affords an attractive roof covering at a moderate cost. Exceptionally attractive, durable and fire-retardant and is non-fading. The very best roofing on the market.

Carries Fire Underwriters' Label.

36 in. Wide

	Per roll
No. 75-LG—Wt. per roll 75 lbs.	\$3.46
No. 90-LG—Wt. per roll 90 lbs.	3.56
	Per roll
No. 75-R—Wt. per roll 75 lbs.	\$3.46
No. 90-R—Wt. per roll 90 lbs.	3.56

All above, open stock.

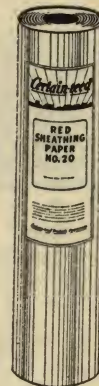
SHEATHING PAPER

RED ROSIN SIZED

A non-waterproof sheathing paper used for lining or sheathing walls, roofs, floors, etc., and for lining freight cars, packing cases, crates, barrels, etc.

36 in. Wide

	Per roll
No. 30—Medium; 500 sq. ft. in a roll; wt. per roll 30 lbs.	\$1.40



TARRED FELT

CERTAIN-TEED

Made of the best wool rag felt, thoroughly saturated with coal tar. Principally used in built-up roofs of felt, pitch and gravel, also used for sheathing residences, store buildings and similar structures.

32 in. Wide

	Per roll
No. 15—Heavy; 432 sq. ft. in a roll; wt. per roll 65 lbs.	\$4.30



INSULATING PAPER

CERTAIN-TEED

Asphalt Saturated and Coated

A high grade black insulating paper which is both saturated and coated with a special blend of asphalts.

Odorless and tasteless; suitable for refrigerators and cold storage houses. It acts as an insulator against heat and cold, and prevents moisture from penetrating the walls.

Excellent as a screen door covering.

36 in. Wide

	Per roll
No. 50—Heavy; 500 sq. ft. in a roll; wt. per roll 50 lbs.	\$5.00



SCREEN DOOR PAPER

COVER-DRI

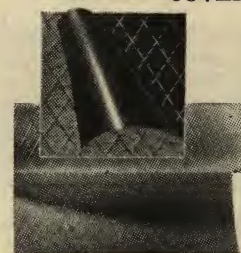
Changes screen doors to storm doors in 30 minutes.

Also used as a liner for foundations or walls of chicken, hog, ice houses and all out buildings.

Pliable and easy to handle.

Made of two sheets of heavy, tough kraft paper with a film of asphalt and a pattern of strong jute yarn imbedded between the sheets.

	No. N—36 in. Wide	
Sq. ft. in roll	250	500
Wt. per roll, lbs.	16	32
Per roll	\$2.50	4.50
	Open stock.	



ROOFING CEMENT

LIBERTY "ELASTIC ASBESTOS"



A water-proof cement for repairing roofs of all kinds, tanks, troughs, etc. Composed of asphalt, asbestos and gums and oils.

Applied with a trowel or putty knife.

Black

Size cans, lbs.....	1	5
Cans in case.....	24	12
Weight per case, lbs.....	29	70
Per pound	\$0.20	.16
Size kits, lbs.....	25	50
Weight each, lbs.....	27	55
Per pound	\$0.12	.11

RUTLAND No. 4



Used for general roof repair work. Composed of asphalt, asbestos and drying oils. Guaranteed not to contain coal tar in any form.

Black

Size cans, lbs.....	1	5
Cans in case.....	24	12
Weight per case, lbs.....	32	73½
Per pound	\$0.21	.17
Size kits, lbs.....	25	50
Weight each, lbs.....	28	57
Per pound	\$0.13	.12

ROOF COATING

LIBERTY "ELASTIC ASBESTOS"



Stops leaks and preserves the roof. Makes all roofs weather-proof. For use on metal, composition and built up gravel roofs.

Composed of asphalt, asbestos and oils.

Black

Size cans, gals.....	1	5
Cans in case.....	6	1
Weight per case, lbs.....	53	42
Per gallon	\$1.20	1.00
Size drums, gals.....	30	55
Weight each, lbs.....	255	470
Per gallon	\$0.90	.80

ROOF COATING

RUTLAND NO-TAR-IN



For covering whole roofs. May be used over metal, paper, built-up or composition roofing. Will give new life to an old roof.

Made up of asphalt, asbestos and drying oils. Will not sag, harden or peel.

Black

Contains no coal tar in any form.

Size cans, gals.....	1	5
Cans in case.....	4	1
Weight per case, lbs.....	40	46½
Per gallon	\$1.10	.90
Size drums, gals.....	25	50
Weight each, lbs.....	241½	466
Per gallon	\$0.84	.78

ROOF AND METAL PAINT

LIBERTY ELASTIC



Made especially for preserving composition, felt or prepared roofing, painting metal roofs and all exposed metal surfaces such as metal siding, tanks, pipes, fences, etc.

Prevents rust and preserves roofs.

Highly recommended for concrete and for water-proofing foundation walls and masonry work. Ready for use—heavy in body, but spreads easily.

Black

Size cans, gals.....	1	5
Cans in case.....	6	1
Weight per case, lbs.....	66	52
Per gallon	\$1.20	1.00
Size drums, gals.....	30	55
Weight each, lbs.....	317	575
Per gallon	\$0.90	.80

BARN AND METAL PAINT

LIBERTY RED-KOTE



A non-fading red protective paint for wood and metal surfaces.

Resists sun, rain, snow, frost, and ice. Permanent in color because it is made with pure English Oxide.

For metal roofs, flashings and gutters; pumps, windmills and fences; bridges and elevators; barns and silos.

Red

Size cans, gals.....	1	5
Cans in case.....	6	1
Weight per case, lbs.....	65	54
Per gallon	\$2.70	2.50

ROOFING CAPS



Tin

For use with built-up roofings and sheathing.

Per pound

No. 1¼—1½ in. diameter; about 240 in a pound.....\$0.13

About 250 pounds in a barrel.

LEAD WASHERS



For use with sheet iron roofing and siding. These washers make an absolutely water-tight joint on any surface.

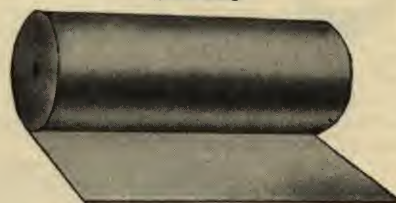
Per pound

No. 2—½ in. diameter; ⅛ in. thick; ⅝ in. hole; 390 to a pound; ⅓ pound to the square.....\$0.28

Five pounds in a carton.

ASBESTOS PAPER

SAL-MO



For Insulating and Fire-proofing

There is no better material as a fire stop, protecting floors, walls and ceilings, insulating electric apparatus, lining ovens and gas ranges, covering furnace pipe, etc.

No. 12—.025 in. Thick

Width, in.	18	36
Weight 100 sq. ft., lbs....	12	12
Per pound	\$0.12	.12

50 pounds in a roll.

ASBESTOS PIPE JOINT

TAPE

SAL-MO



For covering both hot air and cold air pipe joints and sealing cracks.

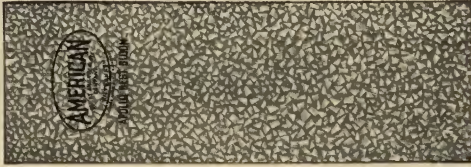
Easily and quickly applied, saves time and assures a neat clean job with no waste and no rough edges.

3 in. Wide

Per dozen rolls

Sal-Mo.—84 in. long; 12½ lb. paper; weight per dozen rolls 30 lbs..\$5.50
One dozen rolls (1008 ft.) in a package.

**SHEET STEEL
GALVANIZED**



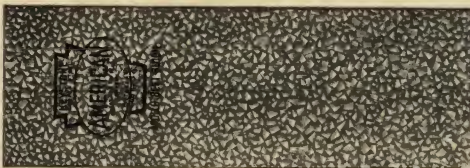
Apollo Best Bloom

The most modern scientific methods are employed in the manufacture of these sheets and only the best and most carefully selected raw materials are used. The protective coating of zinc is always reliable. Uniform in quality and workmanship.

Gauge Nos.	Size sheet, in.	Wt. per sheet, lbs.	Sheets in bundle	Weight bundle, lbs.	Per 100 lbs.
16	24x96	42.5	4	170	\$....
16	28x96	49.6	3	149	....
18	24x96	34.5	4	138	....
18	28x96	40.3	4	161	....
18	30x96	43.1	4	173	....
18	36x96	51.8	3	155	....
20	28x96	30.9	5	155	....
20	30x96	33.1	5	166	....
20	36x96	39.8	4	159	....
22	24x96	22.5	7	158	....
22	28x96	26.3	6	158	....
22	30x96	28.1	5	141	....
22	36x96	33.8	5	169	....
24	24x96	18.5	8	148	....
24	28x96	21.6	7	151	....
24	30x96	23.1	7	162	....
24	36x96	27.8	6	167	....
26	24x96	14.5	10	145	....
26	28x96	16.9	9	152	....
26	30x96	18.1	8	145	....
26	36x96	21.8	7	152	....
28	24x96	12.5	12	150	....
28	28x96	14.6	10	146	....
28	30x96	15.6	10	156	....
28	36x96	18.8	8	150	....
29	32x96	15.3	10	153	....
30	24x96	10.5	15	158	....
30	28x96	12.3	12	147	....
30	30x96	13.1	11	144	....
30	36x96	15.8	10	158	....

Market Price

GALVANIZED



Keystone Copper Steel, Apollo Best Bloom

Possesses all the merits of Apollo Best Bloom and in addition has a Keystone Copper Steel Base which insures the maximum corrosion resistance should the base metal be exposed through damage to, or wearing away of the galvanizing.

Recommended for furnace pipe, tanks, flumes, roofing, spouting and similar uses where rust-resistance is important.

Gauge Nos.	Size sheet, in.	Wt. per sheet, lbs.	Sheets in bundle	Weight bundle, lbs.	Per 100 lbs.
22	28x96	26.3	6	158	\$....
22	30x96	28.1	5	141	....
24	28x96	21.6	7	151	....
24	30x96	23.1	7	162	....
26	28x96	16.9	9	152	....
26	30x96	18.1	8	145	....

Market Price

Note—When sheets are ordered in broken bundle lots an extra of \$0.50 per cwt. applies.

**SHEET STEEL
BLACK**



Hot Rolled and Annealed

Made from Open Hearth or Bessemer Steel. Accurately rolled, thoroughly annealed and carefully sheared Commonly referred to by the trade as "One Pass Stock."

Gauge Nos.	Size sheet, in.	Wt. per sheet, lbs.	Sheets in bundle	Weight bundle, lbs.	Per 100 lbs.
20	28x96	28.0	5	140	\$....
22	28x96	23.3	6	140	....
24	28x96	18.7	8	149	....

Market Price

BLUED STOVE PIPE SHEETS

Uniform Blued and Oiled, for Stove Pipe

Gauge Nos.	Size sheet, in.	Wt. per sheet, lbs.	Sheets in bundle	Weight bundle, lbs.	Per 100 lbs.
26	24x101	12.6	12	152	\$....
27	24x101	11.6	12	139	....
28	24x101	10.5	14	147	....

Market Price

**CORRUGATED SHEETS
GALVANIZED**



No. 28 Gauge, 1¼ in. Corrugations

Extreme width 26 in., covering width 24 in. when lapped one and one-half corrugations.

No. 28 Gauge—In 6, 7, 8, 9, 10 and 12 ft. lengths; wt. per square 84 lbs.\$....

Length, feet	6	7	8	9	10	12
In sheet, square feet ..	13	15.17	17.33	19.5	21.67	26.00
No. sheets in square..	8.00	6.86	6.00	5.33	4.80	4.00
No. sheets in bundle..	10	10	10	10	10	10
Wt. per bundle, lbs....	101	117	134	150	167	200

Note—Other gauges and corrugations can be furnished direct from factory.

Price upon application.

Market Price

**STEEL ROOFING
PRESSED STANDING SEAM**



Galvanized; Covering Width 24 in.; in 5, 6, 7, 8, 9, 10 and 12 ft. lengths

Gauge Nos.	29	28	26
Wt. square, lbs	79	86	100
Per square .....	\$....	....	....

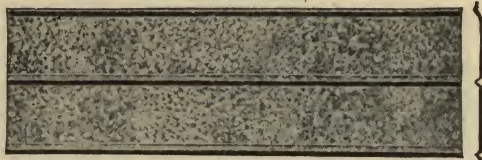
Market Price

Cleats—Per squareExtra \$0.10
10 sheets in a bundle.

Note—When ordering, always state if wanted with or without cleats.

STEEL ROOFING

"V" CRIMP



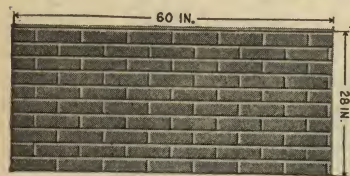
Galvanized; Covering Width 24 in.; in 5, 6, 7, 8, 9, 10 and 12 ft. Lengths

Gauge Nos.	29	29	29	28	28
Crimp	2V	3V	5V	2V	3V
Wt. square, lbs.	77	78	84	84	86
Per square	\$ Market Price				
Gauge Nos.	28	26	26	26	26
Crimp	5V	2V	3V	5V	5V
Wt. square, lbs.	91	98	102	106	106
Per square	\$ Market Price				

"V" Wood Sticks—For above "V" Roofing\$0.15 Per square

PRESSED STEEL SIDING

PLAIN BRICK

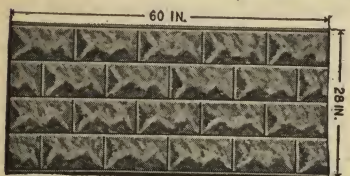


Size of brick
2½x8¾ in.

Size of sheet
28x60 in.

Painted			
Gauge Nos.			28
Wt. square, lbs.			64
Per square		\$ Market	Price
Galvanized			
Gauge Nos.	29	28	26
Wt. square, lbs.	72	78	91
Per square	\$ Market Price		
10 sheets in a bundle.			

10 sheets in a bundle.



ROCK FACED STONE

Size of stone
7x12 in.

Size of sheet
28x60 in.

Galvanized				
Gauge Nos.	29	28	26	26
Wt. square, lbs.	73	79	92	92
Per square	\$ Market Price			

10 sheets in a bundle.

ROLL VALLEY

Single Cross Locked, Soldered

For roofing, gutters and valleys.

20 lb. Coating; Painted Both Sides

Width, in.	14	20
Wt. per roll, lbs.	34	54
Per roll	\$8.50	12.20

40 lb. Coating; Painted Both Sides

Width, in.	14	20
Wt. per roll, lbs.	37	56
Per roll	\$10.50	14.50

Galvanized; No. 29 Gauge

Width, in.	14	20
Wt. per roll, lbs.	40	60
Per roll	\$5.75	8.80

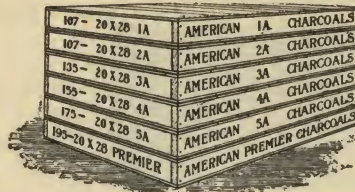
TIN SHINGLES

Tin, Painted Both Sides

No. 57—5x7 in.; approximate wt. per	Per 100
100, 12 lbs.	\$2.00
100 in a bundle.	

TIN PLATE

ROOFING OR TERNE PLATES



Copper Bearing

Stamped and resquared,
bright dry finish.

IC Grade, 20x28 in. Sheets,
112 in a box.

Per box

Drake Hdwe. Co. Old Style—40 lb. coating; net wt. per box
246 lbs.; shipping weight per box 258 lbs.\$....
Orchard City Old Style—20 lb. coating; net weight per box
226 lbs.; shipping weight per box 238 lbs.\$....
Price on Application.

BRIGHT COKE PLATES

Base is of best soft steel. "Coke" is a trade term indicating
finish.

ICL, 100 lb. Coating

Size sheets, in.	20x28	20x29½	20x32½	20x39
Sheets in a box	112	56	56	56
Wt. box, lbs.	190	125	130	150
Per box	\$ Market Price			

IXL, 128 lb. Coating

Size sheets, in.	20x28	20x32½	20x39
Sheets in a box	56	56	56
Wt. box, lbs.	125	150	175
Per box	\$ Market Price		

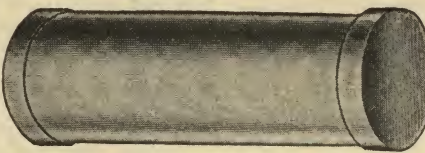
BRIGHT CHARCOAL PLATES

The base metal is specially prepared with the view of securing
a high gloss and fine working quality.

AA Grade, 20x28 in. Sheets

Quality of tin	IX	IXX	IXXX
Coating, lbs.	135	155	175
Sheets in a box	112	56	56
Wt. box, lbs.	280	160	185
Per box	\$ Market Price		

SHEET ZINC



For lining around
stoves and under stoves
in place of stove
boards, refrigerator lin-
ing, cornice gutter work,
electrical purposes,
drain boards, table tops,
etc.

Size sheet, in.	30x50	30x84	36x84
Zinc gauge No.	7	9	9
Wt. sq. ft., lbs.	.52	.67	.67
Per pound	\$0.31	.29	.29

Open stock.

NICKEL ZINC

"NICKELOID"

A zinc base metal with a bonded
coating of genuine nickel.

Used for table tops, cabinet tops,
trim, flour bin lining, etc.

No. 9 Gauge; Full Finish One Side

Size sheet, in.	32x54	30x96	36x84	36x96
Per sheet	\$6.50	8.50	12.00	13.00

Weight per sq. ft. .67 lbs.

Open stock.

SHEET COPPER

Plain Soft Rolled
16 ozs.

Size, sheet, in.	30x96
Wt. sheet, lbs.	20
Sheets in case	35
Per pound	\$ Market Price

Size, sheet, in.	36x96
Wt. sheet, lbs.	24
Sheets in case	30
Per pound	\$ Market Price

Open stock.

Plain, Cold Rolled
16 oz.

Size sheet, in.	24x96	30x96	36x96
Wt. sheet, lbs.	16	20	24
Per pound	\$ Market Price		

Open stock.

CONDUCTOR PIPE PLAIN ROUND



Galvanized Steel, in 10 ft. Lengths.

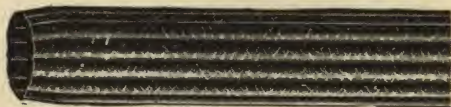
No. 28 Gauge

Size, in.	2	3	4
Wt. crate, lbs.	155	185	265
Per 100 ft.	\$8.70	9.70	13.60

Size, in.	5	6
Wt. crate, lbs.	300	325
Per 100 ft.	\$19.00	24.30

250 feet in a crate.

CORRUGATED ROUND, EXPANDING



Galvanized Steel, in 10 Ft. Lengths

No. 28 Gauge

Size, in.	2	3	4
Wt. crate, lbs.	155	185	265
Per 100 ft.	\$8.70	9.70	13.60

Size, in.	5	6
Wt. crate, lbs.	300	325
Per 100 ft.	\$19.00	24.30

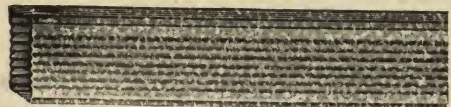
No. 26 Gauge

Size, in.	2	3	4
Wt. crate, lbs.	170	230	300
Per 100 ft.	\$11.20	11.70	16.50

Size, in.	5	6
Wt. crate, lbs.	335	360
Per 100 ft.	\$22.40	28.20

250 feet in a crate.

CORRUGATED SQUARE, EXPANDING



Galvanized Steel, in 10 Ft. Lengths

No. 28 Gauge

Size, in.	3	4	5
Wt. crate, lbs.	210	280	350
Per 100 ft.	\$11.70	15.10	20.40

250 feet in a crate.

CONDUCTOR PIPE HEADS



Galvanized Steel, Crimped End

For pipe, in.	3	4
Wt. dozen, lbs.	8	13
Per dozen	\$3.60	4.80

For pipe, in.	5	6
Wt. dozen, lbs.	20	30
Per dozen	\$6.00	7.20

Open stock.

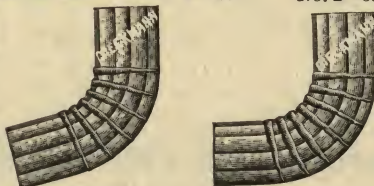
CONDUCTOR PIPE ELBOWS

Note—When ordering, always specify size, gauge and number wanted.

CORRUGATED ROUND, EXPANDING



No. 0—30° No. 1—45° No. 2—60°



No. 3—75° No. 4—90°

One-Piece Galvanized Steel, Patented Clinch

No. 28 Gauge

Size, in.	2	3	4
Per dozen (all Nos.) ..	\$2.88	3.46	5.76

Size, in.	5	6
Per dozen (all Nos.) ..	\$12.00	14.40

No. 26 Gauge

Size, in.	2	3	4
Per dozen (all Nos.) ..	\$3.60	4.32	7.20

Size, in.	5	6
Per dozen (all Nos.) ..	\$15.00	18.00

Open stock.

PLAIN ROUND



No. 3—75° No. 4—90°

One-Piece Galvanized Steel, Patented Clinch

No. 28 Gauge

Size, in.	2	3	4
Per dozen (all Nos.) ..	\$2.88	3.46	5.76

Open stock.

WEIGHT PER DOZEN OF CONDUCTOR PIPE ELBOWS

Size & No.	28 Gauge		26 Gauge	
	Cor. Rd.	Pl. Rd.	Cor. Rd.	Pl. Rd.
2" No. 1	3	2¾	5	4½
2" No. 2	4¼	3½	5¾	4¾
2" No. 3	6	4½	6½	5
2" No. 4	7	6	8	6¾
3" No. 1	5	5	7	7¼
3" No. 2	6	6	8½	9
3" No. 3	7½	7½	9	9½
3" No. 4	9½	9½	10	10½
4" No. 1	9½	9½	10	10½
4" No. 2	10½	10½	13½	14
4" No. 3	12½	12½	15½	16
4" No. 4	15	15	16½	17
5" No. 1	15	15	19	19
5" No. 2	16	17	20½	21½
5" No. 3	18	19	23½	24½
5" No. 4	20	21	26½	27½
6" No. 1	18	19	24½	25½
6" No. 2	21	22	27½	28½
6" No. 3	23	25	31½	32½
6" No. 4	25	27	35½	36½

CONDUCTOR PIPE ELBOWS

CORRUGATED SQUARE, EXPANDING



Style A

Style B

One-Piece Galvanized Steel, Lock Seams;

No. 28 Gauge

Style A—Ordinary Curve

Size, in.	3	4	5
Wt. dozen, lbs.	7	12	19½
Per dozen	\$5.40	7.02	10.80

Style B—Side Curve

Size, in.	3	4	5
Wt. dozen, lbs.	7	12	19½
Per dozen	\$5.40	7.02	10.80

By combining Style A and B, a square conductor can be made to turn the corner of a building as readily as the round conductor pipe.

Note—Always specify angle wanted by number; for angle number see corrugated round elbows listed to left.

CONDUCTOR PIPE SHOES CORRUGATED ROUND, EXPANDING



One-Piece Galvanized Steel, Patented Clinch

Reinforced band on outside.

No. 28 Gauge, 75° Angle

Size, in.	2	3	4
Wt. dozen, lbs.	7	8½	13½
Per dozen	\$3.84	4.60	7.20

Size, in.	5	6
Wt. dozen, lbs.	19	24
Per dozen	\$14.40	17.28

Open stock.

PLAIN ROUND



One-Piece Galvanized Steel, Patented Clinch

Reinforced band on outside.

No. 28 Gauge, 75° Angle

Size, in.	3	4
Wt. dozen, lbs.	8½	13½
Per dozen	\$4.60	7.20

Open stock.

CORRUGATED SQUARE, EXPANDING



Style A

One-Piece Galvanized Steel, Lock Seam

No. 28 Gauge, 75° Angle

Style A—Ordinary Curve

Size, inches	3	4	5
Wt. dozen, lbs.	8	13	20
Per dozen	\$6.48	8.64	13.50

Style B—Side Curve

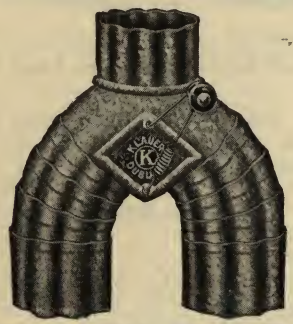
Size, inches	3	4	5
Wt. dozen, lbs.	8	13	20
Per dozen	\$6.48	8.64	13.50

Open stock.

RAIN WATER CUT-OFFS
"PERFECTION"

The only one-piece cut-off. All connections are inter-locked and cut-off is regalvanized after assembling. A spring holds trough in place.

CORRUGATED ROUND, EXPANDING



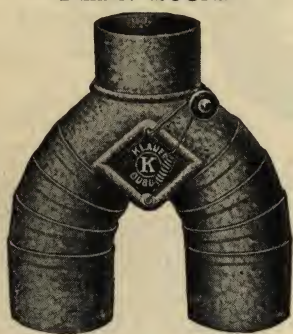
Galvanized Steel, No. 28 Gauge

Size, in.	2	3	4
Wt. dozen, lbs.	11½	14	24
Per dozen	\$9.00	9.60	13.20

Size, in.	5	6
Wt. dozen, lbs.	40	50
Per dozen	\$24.00	28.80

Open stock.

PLAIN ROUND



Galvanized Steel, No. 28 Gauge

Size, in.	2	3	4
Wt. dozen, lbs.	11½	14	24
Per dozen	\$8.40	9.60	13.20

Size, in.	5	6
Wt. dozen, lbs.	40	50
Per dozen	\$24.00	28.80

Open stock.

CORRUGATED SQUARE, EXPANDING



Galvanized Steel, No. 28 Gauge

Size, in.	3	4	5
Wt. dozen, lbs.	17	27	50
Per dozen	\$28.00	39.20	67.20

Open stock.

CONDUCTOR PIPE
STRAINERS



Placed in the outlet of eaves trough to prevent leaves and other matter from entering and stopping up the conductor pipe.

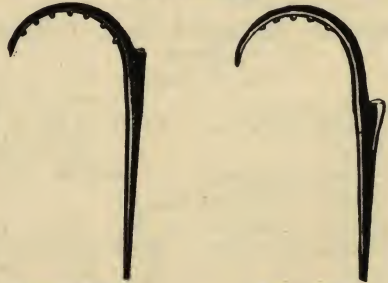
Strongly constructed.

Round Wire, Lead Coated

Nos.	572	573	574
For pipe, in.	2	3	4
Wt. dozen, lbs.	7½	2	3½
Per dozen	\$1.50	2.10	3.70

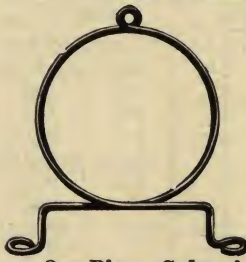
Nos.	575	576
For pipe, in.	5	6
Wt. dozen, lbs.	4	6½
Per dozen	\$5.10	6.00

CONDUCTOR PIPE HOOKS
NEVER-SLIP



For Wood		For Brick	
Galvanized malleable iron.			
For Wood			
Size, in.	2½	3	4
Wt. doz., lbs.	¾	5⁄₈	1¼
Per dozen	\$0.80	1.00	1.40
For Brick			
Size, in.	5	6	
Wt. doz., lbs.	1⅔	2⅔	
Per dozen	\$2.20	3.20	
For Wood			
Size, in.	2½	3	4
Wt. doz., lbs.	5⁄₈	7⁄₈	1⅓
Per dozen	\$1.00	1.20	2.00
For Brick			
Size, in.	5	6	
Wt. doz., lbs.	2½	3⅓	
Per dozen	\$3.20	3.60	

CONDUCTOR PIPE
HANGERS
IWAN, PERFECTION



Adjustable for frame or brick buildings, for plain or corrugated pipe. Can be tightened by giving the eye a twist.

One-Piece Galvanized Steel Wire

Size, in.	2½	3	4
Wire gauge, Nos. ..	12	11	10
Wt. per 100, lbs.	5½	6½	10
Per 100	\$3.30	3.60	4.60

Size, in.	5	6
Wire gauge, Nos.	9	8
Wt. per 100, lbs.	16½	20
Per 100	\$5.30	6.00

All above, open stock.

CISTERN FILTERS
U. S.



Constructed on filtering principles that are right. No straw, leaves, worms, bugs or birds go through it, being forced out of end opening in the upper, reversible top section. The wire, cloth covered strainer takes out the fine dirt. The water then filters through charcoal and gravel.

Shipped fully equipped, strainer in place and charcoal and gravel filled.

Galvanized Rust-resisting Steel

Nos.	3	4
For down pipe, in. ..	3	4
Wt. each, lbs.	25	35
Each	\$14.50	17.80

Nos.	Ⓔ5	Ⓔ6
For down pipe, in. ..	5	6
Wt. each, lbs.	50	70
Each	\$22.50	28.00

One in a crate.

ROOF GUTTERS



Style B—Galvanized Steel,
in 10 ft. Lengths
No. 28 Gauge

Girt, in.	15	20
Height, in.	3¼	4¾
Bead, in.	5½	5½
Wt. crate, lbs.	250	320
Per 100 ft.	\$17.50	24.00

Style B Mitres—Net price each is 5½ times girt of gutter.

Note—In ordering mitres state whether inside or outside are wanted.
250 feet in a crate.



Style F—Galvanized Steel,
in 10 ft. Lengths
No. 28 Gauge

Size, in.	4½	5½	6½
Depth, in.	3¾	4¾	6
Girt, in.	12	15	18
Bead, in.	5½	5½	5½
Wt. crate, lbs.	220	250	275
Per 100 ft.	\$12.50	17.50	21.00

Style F Mitres—Net price each is 5½ times girt of gutter.

Note—In ordering mitres state whether inside or outside are wanted.
250 feet in a crate.

NOTE—Goods Marked ® Not Carried in Stock, but Shipped Direct from Factory.

**EAVES TROUGH
SLIP JOINT, SINGLE BEAD**



Galvanized Steel, in 10 ft. Lengths
No. 28 Gauge

Size, in.	3½	4	5
Wt. crate, lbs.	130	150	180
Per 100 ft.	\$8.60	9.50	9.90
Size, in.	6	7	
Wt. crate, lbs.	210	240	
Per 100 ft.	\$12.20	15.30	

No. 26 Gauge

Size, in.	3½	4	5
Wt. crate, lbs.	150	170	210
Per 100 ft.	\$10.40	11.30	11.70
Size, in.	6	7	
Wt. crate, lbs.	240	270	
Per 100 ft.	\$14.90	18.90	

250 feet in a crate.

SLIP JOINT, DOUBLE BEAD
Galvanized Steel, in 10 ft. Lengths
No. 28 Gauge

Size, in.	4	5	6
Wt. crate, lbs.	170	210	240
Per 100 ft.	\$12.20	13.10	15.80

250 feet in a crate.

Note—When ordering slip joint trough, state whether right or left is wanted, otherwise half right and half left will be shipped.

LAP JOINT, SINGLE BEAD



Galvanized Steel, in 10 ft. Lengths
No. 28 Gauge

Size, in.	3½	4	5
Wt. crate, lbs.	125	145	175
Per 100 ft.	\$7.70	8.60	9.00
Size, in.	6	7	
Wt. crate, lbs.	205	235	
Per 100 ft.	\$11.30	14.40	

No. 26 Gauge

Size, in.	3½	4	5
Wt. crate, lbs.	145	165	205
Per 100 ft.	\$9.50	10.40	10.80
Size, in.	6	7	
Wt. crate, lbs.	235	265	
Per 100 ft.	\$14.00	18.00	

250 feet in a crate.

**EAVES TROUGH END
PIECES**



No. A—End Piece with Drop
Galvanized steel, double seamed.
No. 28 Gauge

Size, in.	3½	4	5
Wt. doz., lbs.	5	6	7
Per dozen S. B.	\$3.74	4.08	4.68
Per dozen D. B.	4.56	4.78	5.40

Size, in.	6	7	
Wt. doz., lbs.	8	10	
Per dozen S. B.	\$5.40	6.06	
Per dozen D. B.	6.16	7.10	

Open stock.

**EAVES TROUGH END
PIECES**
DROPS AND END CAPS



Galvanized steel.
No. 28 Gauge



No. B—Drop Only

Size, in.	2	3	4
Wt. doz., lbs.	1	1½	2½
Per dozen	\$1.32	1.60	1.98

No. C—End Cap Only; Slip Joint

Size, in.	3½	4	5
Wt. doz., lbs.	2	2½	2¾
Per dozen	\$1.98	2.10	2.20
Size, in.	6	7	
Wt. doz., lbs.	3½	5	
Per dozen	\$2.64	3.20	

SLIP CONNECTIONS

No. D—Galvanized Steel, No. 28 Gauge			
Size, in.	3½	4	5
Wt. doz., lbs.	2	2½	2¾
Per dozen	\$1.54	1.66	1.76
Size, in.	6	7	
Wt. doz., lbs.	3½	5	
Per dozen	\$2.20	2.86	

EAVES TROUGH MITRES
ONE PIECE



Galvanized Steel, No. 26 Gauge
Slip Joint, Single Bead

Size, in.	3½	4	5	6
Wt. doz., lbs.	10	11	13	16
Per dozen	\$6.94	7.26	8.08	9.74

Lap Joint, Single Bead

Size, in.	3½	4	5	6
Wt. doz., lbs.	9	10	12	17
Per dozen	\$4.96	5.28	6.10	7.76

Slip Joint, Double Bead

Size, in.	3½	4	5	6
Wt. doz., lbs.	11	12	14	17
Per dozen	\$8.92	9.24	10.06	11.72

Note—When ordering mitres, always state whether inside or outside are wanted.

**EAVES TROUGH
HANGERS**
TITELOCK



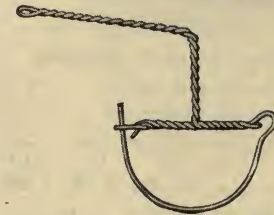
Easily and quickly applied. Strap is bent around trough, inserted in the slot and tightened into position. Only a pair of pliers is needed.

Stem may be bent to fit angle of roof.

Galvanized Steel, For Single Bead Trough				
Size, in.	3½	4	5	6
Wt. gross, lbs.	31	32	37	64
Per gross	\$5.70	6.10	6.50	9.00

All above, open stock.

**EAVES TROUGH
HANGERS**
FAULTLESS



Heavy galvanized steel wire.

Triple twist.
For Single Bead Trough

Regular Size

Size, in.	3½	4	5
Wt. gross, lbs.	19	21	23
Per gross	\$5.20	5.20	5.70
Size, in.	6	7	
Wt. gross, lbs.	25	29	
Per gross	\$6.70	7.60	

Long Stem

Size, in.	5		
Wt. gross, lbs.	27		
Per gross	\$6.50		

One gross in a carton.

EXTENSION



Galvanized Wire, For Single Bead Trough

Size, in.	3½	4	5
Wt. gross, lbs.	23	25	28
Per gross	\$5.50	5.50	6.00
Size, in.	6	7	
Wt. gross, lbs.	30	34	
Per gross	\$7.00	8.00	

One gross in a carton.

ROOF GUTTER HANGERS



Galvanized After Formed

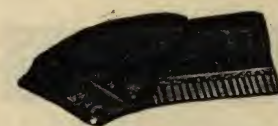
For hanging any style roof gutter.			
Size, in.	15	18	20
Wt. doz., lbs.	3	3½	4
Per dozen	\$1.56	1.68	1.80

One gross in a carton.

**CONTINUOUS HIP
SHINGLES**



Highly ornamental and easier to apply than individual shingles.



Starter

Galvanized Steel; in 5 and 10 ft. Lgths.			
No. 5—5 in., No. 29 gauge; wt. per			
crate 65 lbs.			\$5.30
Starters—Wt. each 2 oz.	Each		.07
250 ft. in a crate.			

RIDGE ROLL PLAIN



Galvanized Steel, in 10 ft. Lengths

With nailing flange.

Standard Gauge

Size roll, in.	1 1/4	1 1/2	2
Wt. crate, lbs.	78	90	110
Per 100 ft.	\$5.80	6.50	7.30

250 feet in a crate.

CORRUGATED

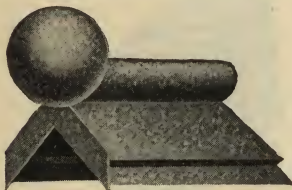


Galvanized Steel, in 10 ft. Lengths
Standard Gauge

Size roll, in.	1 1/4
Wt. per crate, lbs.	170
Per 100 ft.	\$10.80

250 feet in a crate.

GLOBE FINIALS



No. 5—For Plain Ridge Roll

Galvanized steel; tightly seamed, no solder used.

Size roll, in.	1 1/4	1 1/2	2
Diameter ball, in.	2 1/2	2 1/2	3 1/2
Wt. per doz., lbs.	2 1/2	3 1/2	5
Per dozen	\$4.00	4.00	5.00

Open stock.

BLOCK FINIALS



Made to slip over the roll and can be fastened without solder by nailing through apron of Finial and Ridge Roll.

No. 50—For Plain Ridge Roll

Galvanized steel, tightly seamed.

For Roll, in.	1 1/2	2
Wt. per dozen, lbs.	15	18
Per dozen	\$8.00	9.00

Open stock.

FORMED VALLEY



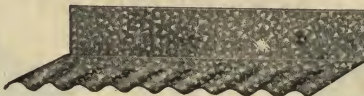
Galvanized Steel, Seamless; In
10 ft. Lengths

No. 28 Gauge

Girt, in.	12	14
Wt. per crate, lbs.	210	220
Per 100 ft.	\$11.30	14.40

250 feet in a crate.

END WALL FLASHING CORRUGATED



No. 28 Gauge Steel. In 26 in. lengths
1 1/4 in. corrugations, for corrugated roofing.

	Painted	Galv.
Girt, in.	8	8
Wt. per 100 ft., lbs.	58	64
Per 100 ft.	\$10.10	10.80

Open stock.

EXPANDED METAL LATH



A flat, diamond-meshed, expanded metal lath cut from sheet steel and used as a base and reinforcing for all types of plastering work, also for fireproofing, fire-stopping, etc.

Does not expand, contract or warp, and is easy on the hands. Sheets are uniform and square, with straight parallel edges on the long sides so that lath laps easily with minimum waste.

24x96 in. Sheets. Will Cover 1-7/9 Yards

Wt. per Square Yard, lbs. 2.20

Painted Pr. sq. yd. M'tk Price

Galvanized Per sq. yd. M'tk Price

Weight per bundle 35.2 pounds.

Nine sheets in a bundle.

METAL CORNER BEAD PERFECTION



Galvanized Steel, in 8, 9 and 10 ft. lengths

Protects plastered corners against blows and cracks when moving furniture.

No. 26 Gauge

	Per 100 ft.
No. PO—For Outside Corner; wt. per 100 ft. 18 lbs.	\$4.70
No. PI—For Inside Corner; wt. per 100 ft. 20 lbs.	4.70

500 feet in a crate.

METAL BUILDING CORNERS

KEES

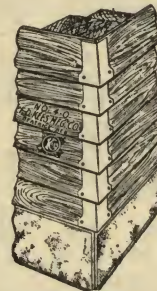
Used in place of corner strips to finish the corners of frame buildings covered with beveled lap siding.

They form a finish similar in appearance to mitred corners but are more durable, stronger and better looking and are labor saving.

Nail holes are started, but not punched clear out.

All except No. 4-O can be spread to fit bay windows.

Galvanized Iron, Treated to Take and Hold Paint



No. 4-O



No. 4-A

For Use on 3 or 4 in. Lap Siding Laid Not More Than 3 1/4 in. to the Weather
Per 100

No. 4-O—For square outside corners; 1/2x3 1/2 in. \$2.00

No. 4-A—For square inside angles where two walls join; 1/2x3 1/2 in. 2.00
Shipping wt. per 1000, 72 pounds.
250 in a box.



No. 6-O



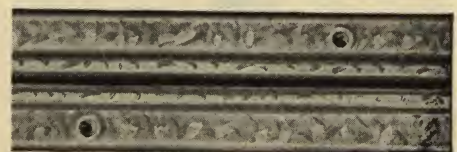
No. 6-A

For Use on 5 or 6 in. Lap Siding. Laid 5 in. or Less to the Weather
Per 100

No. 6-O—For square outside corners; 1/2x5 in. \$2.20

No. 6-A—For square inside angles where two walls joint, 1/2x5 in. 2.20
Shipping weight per 1000, 100 pounds.
250 in a box.

BATTEN STRIPS



Galvanized Steel. "V" Pattern

Per 100 ft.

No. VBS—In 6, 7, 8, 9 and 10 ft. lengths; countersunk nail holes; wt. per 100 ft., 14 lbs. \$2.00
500 feet in a crate.

TEA KETTLE BOTTOMS

Round

14 oz. copper, tinned on one side; flat.

Per pound
No. 9—11½ in. diam.;
wt. per doz. 7½
lbs.\$0.90
Open stock.

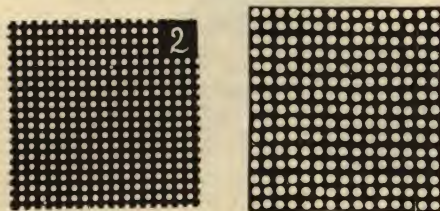
WASH BOILER BOTTOMS

Oval

14 oz. copper; tinned on one side; flat.

Per pound
No. 9—13x25 in.; wt. per doz. 21½
lbs.\$0.70
Open stock.

PERFORATED TIN



No. 2

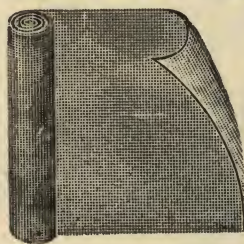
No. 4

IC Tin, 14x20 in. Sheets

Nos.	2	3	4
Diam. holes, in. ....	.033	.040	.050
Holes to in.	18	15½	13
Wt. doz. sheets, lbs.	7½	8	9
Per sheet	\$0.60	.60	.60
Nos.	5	6	
Diam. holes, in. ....	.057	.079	
Holes to in.	11	8	
Wt. doz. sheets, lbs.	9½	11	
Per sheet	\$0.60	.60	

112 sheets in a box.

BRASS STRAINER CLOTH



In Rolls

In rolls 12 in. wide, 5 ft. long; each roll is tied with wire and then put in a cardboard tube ¼ in. thick, which is wrapped in heavy Kraft paper and sealed.

High Quality Brass Wire,
Accurately Woven

Nos.	40	50	60
Mesher per inch ..	40	50	60
Wt. per roll, ozs. ..	14½	15	17¾
Per roll	\$1.40	1.70	1.90

One roll in a carton.

KETTLE KNOBS

Assorted

Black enameled knob with washers and bolts, assorted for tea pots, coffee pots and pot covers.

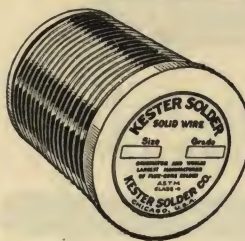


Per card

No. 36—Three dozen assorted knobs mounted on a fancy display card; wt. per card about 1 lb. \$0.80
One card in a box.

WIRE SOLDER

STANDARD, SOLID



Strictly Half
and Half

50% tin, 50% lead.

For electrical purposes, household and automobile use. Thoroughly cleaned and re-fined.

On Spools

Size spool, lbs. 1 5
Per. pound\$0.88 .84

Open stock.

KESTER ACID CORE



Filled with a scientifically prepared acid flux which is released in the proper proportions as the solder melts.

Suitable for all around use. Flows freely and uniformly.

½ in. Diameter, about 30 Feet
to the Pound

Per pound
Kester Acid Core—1 lb. coils\$1.08

Kester Acid Core—1 lb. spools 1.18

Kester Acid Core—5 lb. spools 1.10

One spool in a box.

KESTER ROSIN CORE



Filled with a superior plastic rosin flux.

Will not deteriorate and leaves only a transparent residue. Prevents corrosion and electrical leakage.

¾ in. Diameter, About 50 Feet
to the Pound

Per pound
Kester Rosin Core—1 lb. spools ..\$1.18

One spool in a box.

KESTER ALUMINUM SOLDER

Flux Filled



Filled with a special flux that makes successful aluminum soldering possible.

Contains the flux which makes possible the kind of aluminum soldering

the user has always hoped to do.

Easy to use. Instructions included with each can.

In Cans

Per carton
Kester Aluminum—Liberal size coils; each coil in a tin can, 10 cans in a display carton; wt. per carton 2½ lbs.\$3.34

WIRE SOLDER

KESTER RADIO



Plastic Rosin Filled

Designed for the amateur set builder or for radio maintenance, also electrical work.

Flat or ribbon type.

In Cans

Per carton
Kester Radio—Liberal size coils; each coil in a tin can, 10 cans in a display carton; wt. per carton 2¾ lbs.\$3.34

KESTER METAL MENDER



Acid Filled

A small package of Kester acid filled solder. For the home and car owner, mechanic, farmer, school boy or anyone having an occasional soldering job.

Will permanently solder a multitude of articles.

In Cans

Per carton
Kester Metal Mender—Liberal size coils; each coil in a tin can, 10 cans in a display carton; wt. per carton 2½ lbs.\$3.34

KESTER JUNIOR MENDER



Acid Filled

Ideal for the customer who wants just a small piece of solder for a single job.

The small coil eliminates the necessity of cutting short lengths of Kester solder to meet the needs of the small buyer. Sealed at both ends.

In Small Coils

Per carton
Kester Junior Mender—18 in. coils, 60 coils in a display carton; wt. per carton 2 lbs.\$3.68

LIQUID SOLDER

LE PAGE'S



Water-proof
A heatless liquid solder that fastens all metals and mends practically all materials.

Per card
No. 48—In tubes, wt. per card 3 1/2 lbs. ...\$4.00
One dozen on a display card, six cards in a case.

SUPER-SOLDER



Requires no heat or flame

Mends and solders glass, wood, leather, copper, iron, celluloid, concrete, rubber, cloth, etc.

Not affected by acid, gasoline or boiling water.

Per card
Super-Solder—In 7/8x4 in. tubes; wt. per card 2 lbs.\$2.50
One dozen on a display card, one card in a carton.

HOME SOLDERING KITS

KESTER METAL MENDER



A Practical Kit for Home Use
Provides the essentials for home soldering and repair. Soldering instructions are included.

Per kit
Kester Soldering Kit—Consists of a can of Kester Metal Mender, a 3/4 lb. forged copper soldering iron and a hardwood handle; put up in an attractive box; wt. per kit 3 lbs.\$0.92
Ten kits in a case.

BAR SOLDER

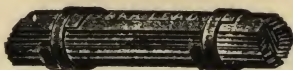
DRAKE



50% Tin, 50% Lead
Drake Hardware Co. warranted extra high grade.

Per pound
No. 50/50—In 1 lb. barsMarket
100 pounds in a box.

BAR LEAD



Per pound
Bar Lead—5 oz. barsMarket
25 pounds in a box.

PURE BAR TIN



Per pound
Bar Tin—1 lb. barsMarket
200 pounds in a case.

BABBITT METAL

STANDARD HARDWARE GRADES



Standard hardware brands of lead base metal, and are used on line shafting hanger boxes, dolly boxes, post hangers, and other bearings where a high grade metal is not required.

Per pound
No. 1—For ordinary speeds and pressure\$0.26
No. 4—For slow speeds and light line shaft, etc.16 1/2
Weight per bar about 7 1/2 pounds.
About 56 pounds in a box.

MAGNOLIA, ANTI-FRICTION



The original graphite-treated, anti-friction metal. Runs cool and requires remarkably little oil. Particularly economical in installations subject to extremes of grit and dirt.

Excellent for high speed and heavy pressures.

Per pound
Magnolia—5 1/2 lb. bars\$0.66
56 pounds in a box.

ADAMANT SUPER-GENUINE



Highest grade tin base babbitt stands severe punishment and will not crack or check in service.

Recommended for all internal combustion engines and all installations subject to extreme shock or explosion, such as tractors, trucks, gas and oil engines, etc.

Per pound
No. A—2 1/2 lb. bars\$1.90
56 pounds in a box.

MELTING LADLES



Cast One-piece Bowl, Double Lipped
Wrought iron handle riveted to bowl.
Nos. 3 4 5
Bowl, in. 3 1/2 4 4 1/2
Wt. doz., lbs. 11 13 20
Each\$0.50 .70 1.00
Open stock.

SOLDERING SALTS

KESTER

Trichloron



A purer, more active soldering salt for the flux user. In compounding Kester Trichloron Soldering Salts special attention has been given to insure greatest activity of the resultant salts solution.

Tested under extreme conditions.

In Cans

Size can, lbs. 1 5
Per can\$1.00 4.80
Ten cans in a case.

SOLDERING PASTE

KESTER

Vicosiformed



An improved paste. Every can alike in fluxing strength. All ingredients are finely divided and uniformly distributed.

In Cans

Per carton
Kester Soldering Paste—In 2 oz. cans, 10 cans in a display carton; wt. per carton 1 1/2 lbs.\$2.10

MURIATIC ACID



Used by tinsmiths, roofers and tinkers in soldering joints, as a flux to make solder flow on galvanized steel, or when cut with zinc, on copper or tin. Also used for removing stains on brick work, etc.

Per gallon
Muriatic Acid—In 1 gal. glass jugs; wt. per gal. 9 1/2 lbs.\$2.50
One jug in a wooden box.

SAL AMMONIAC

SPECO SOLID



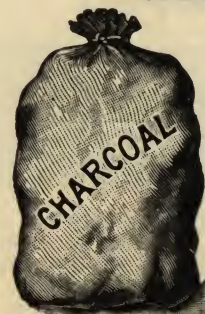
For cleaning and tinning the soldering copper.

Keeps copper in good condition, does not crumble or corrode metal work near the job. Saves filing the copper. Efficient to use.

Per bar
Speco—In 1 lb. bars, 4x2x2 in.\$1.00
50 bars in a package.

CHARCOAL

LUMP



Best hardwood, well screened.

Per lb.
No. CBB—In bur-lap bags; average 50 to 100 lbs. each ..\$0.05

Per dozen
No. CPB—In paper bags, average 5 lbs. each\$6.00

PUMPS
"RED JACKET"
PITCHER SPOUT



Polished Iron Cylinder

The body or cylinder is ground to assure a smooth surface for the plunger leather. Good grade plunger leather is pressed into a cup shape.

The check valve has a trip weight; raising the handle opens the valve and drains the pump, preventing freezing. Iron valve seat.

Tapped for 1 1/4 in. iron pipe connection. Painted red.

Nos.	100-2	100-3
Diam. cylinder, in....	3	3 1/2
Weight each, lbs.....	20	22
Each	\$3.00	3.70

HOUSE FORCE



Brass Cylinder and Valve Seat

Suitable for use on kitchen sinks, cisterns and shallow wells, for sprinkling lawns, forcing water into upper stories and elevated supply tanks. Furnished with plain iron spout.

Tapped for 1 1/4 in. iron pipe connection. Attractively finished and painted red.

No. 213—3 in. diameter cylinder;	Each
weight each 23 lbs.....	\$8.00

All above, open stock.

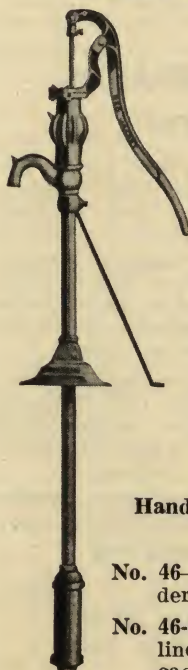
PUMPS
"RED JACKET"
SET LENGTH, LIFT



Plain Spout; Painted Red

- Each
- No. 48A-3—Hand top, 3 in. iron cylinder; wt. each 59 lbs.... \$12.30
- No. 48A-3BL—Hand top, 3 in. brass lined cylinder; wt. each 60 lbs. 16.30
- No. 48A-3WM—Windmill top, 3 in. iron cylinder; wt. each 66 lbs.. 13.60
- No. 48A-3BLWM—Windmill top; 3 in. brass lined cylinder; weight each 67 lbs. 17.60

SET LENGTH, LIFT



Adjustable Base

Adapted for shallow wells up to 25 ft. deep. Not recommended for engine power.

Has adjustable split base, large air chamber or reservoir head and siphon spout.

Handle can be set in any desired position.

4 ft. set length, 6 in. stroke, 1 1/4 in. galvanized drop pipe, 1/8 in. steel rod. 3x10 in. iron cylinder with brass valve seat and one leather plunger. Tapped for 1 1/4 in. pipe.

Hand Top; Syphon Spout; Painted Red

- Each
- No. 46—3 in. iron cylinder; wt. each 58 lbs. \$11.00
- No. 46-BL—3 in. brass lined cylinder; wt. each 59 lbs..... 15.00

All above, open stock.

PUMPS
"RED JACKET"
HEAVY SET LENGTH, LIFT



Adapted for shallow wells up to 25 ft. deep, where a large quantity of water is desired, such as stock farms and railroad stock yards.

Large reservoir head insures a steady flow of water. Flanged fulcrum cap attaches to head with machine bolts and permits handle to be set in any desired position. Heavy long handle gives good leverage.

4 ft. set length, 6 in. stroke, 2 in. galvanized drop pipe, 1/8 in. steel rod. 4x10 in. iron cylinder with brass valve seat and one leather plunger. Tapped for 1 1/4 in. pipe.

Hand Top; Detachable Spout; Painted Red

- Each
- No. 234—4 in. iron cylinder; weight each 97 lbs..... \$20.70

DOUBLE ACTING FORCE

"Never-Fail" Anti-Freezing

Adapted for wells from 25 ft. to 250 ft. deep and where it is required to force water a long distance. Has hose spout.

Recommended for replacing old pumps where it is impossible to raise or lower the drop pipe. The adjustable split base allows a wide range of adjustments. Brass lined vent hole allows water to drain out of pump and prevents freezing. Galvanized pipe.

The upper cylinder is 1x16 in. seamless brass tubing, with a three leather plunger. A 6 in. opening is necessary for the set length.

For hand, windmill or engine power.

Tapped for 2 in. pipe.

Without Lower Cylinder

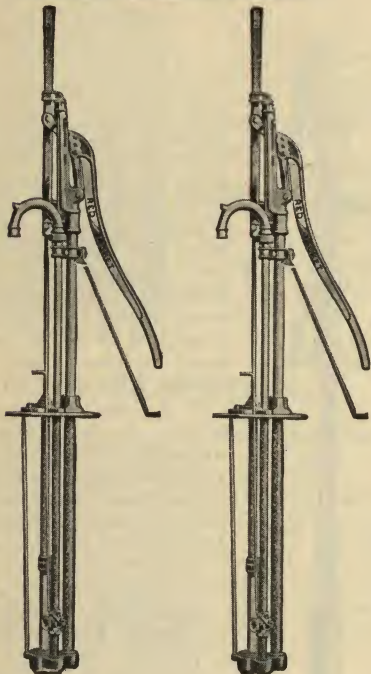


- Each
- No. 423 1/2-4—4 ft. set length; adjustable 6, 8 and 10 in. stroke; weight each 85 lbs..... \$26.60

All above, open stock.

PUMPS

"RED JACKET"
DOUBLE ACTING FORCE



No. 36 No. 37

"So-Easy-To-Fix"

With All Brass Underground 3-Way

Adapted for wells from 25 to 300 ft. deep and especially recommended for use in tubular wells. Used where water is forced a great distance or up a steep incline. Has hose spout.

All brass 3-way is controlled by a pull rod handle extending up through base of pump. Two-piece branch coupling and flange connection.

The "So-Easy-To-Fix" feature of these pumps permits the removal of the plunger, lower valve and all working parts, for repairing, without tearing up the platform or taking the pump, pipe or cylinder from the well.

Brass lined vent hole allows water to drain out of pump and prevents freezing. A 9 in. opening is necessary for the set length.

Can be operated by hand, windmill, gasoline engine or electric power.

Without Lower Cylinder

4 ft. set length; adjustable 6, 8 and 10 in. stroke. Flange tapped for 1 1/4, 2, 2 1/2 or 3 in. extension pipe.

Painted red. All pipes galvanized.

Each

No. 36-4—With 1x16 in. seamless brass tubing upper cylinder with a three-leather plunger; weight each 102 lbs.....\$29.50

No. 37-4—With 1 3/8x15 1/2 in. seamless brass tubing upper cylinder with a two-leather plunger; weight each 102 lbs..... 29.50

Note—Always specify tapping wanted. Open stock.

PUMPS

"RED JACKET"
DOUBLE ACTING FORCE



"So-Easy-To-Fix"
Heavy Duty

Adapted for wells from 25 to 400 ft. deep and where a large quantity of water is desired requiring constant operation for long periods. Has hose spout.

All brass 3-way is controlled by a pull rod handle extending up through base of pump. Two-piece branch coupling and flange connection.

The "So-Easy-To-Fix" feature of this pump permits the removal of the plunger, lower valve and all working parts without tearing up the platform or taking the pump, pipe or cylinder from the well.

Brass lined vent hole allows water to drain out of pump and prevents freezing. A 9 in. opening is necessary for the set length.

Can be operated by hand, windmill, gasoline engine or electric power.

Without Lower Cylinder

4 ft. set length; adjustable 6, 8 and 10 in. stroke. Flange tapped for 1 1/4, 2, 2 1/2 or 3 in. extension pipe.

Painted red. All pipes galvanized.

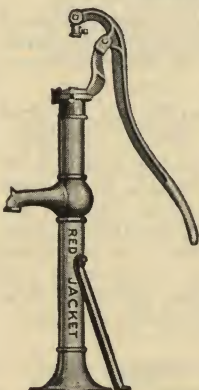
Each

No. 30-4—With 1 3/8x15 1/2 in. seamless brass tubing upper cylinder with a two-leather plunger; weight each 145 lbs.....\$35.00

Note—Always specify tapping wanted.

PUMP STANDARDS

"RED JACKET"



A light weight lift stand for shallow wells and cisterns only.

Flanged fulcrum head is held in place by four bolts and is adjustable to any position desired.

Large spout 23 in. above the platform allows ample space for a milk can without tipping.

Long heavy handle makes pumping easy.

Hand Top. Painted Red

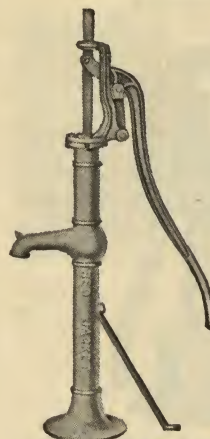
Each

No. 113—6 in. stroke, 1 1/8 in. rod coupling; tapped for 1 1/4 in. pipe; weight each 35 lbs.....\$7.60

All above, open stock.

PUMP STANDARDS

"RED JACKET"



A light weight windmill lift stand for shallow wells, cisterns and light windmill work.

Flanged top is adjustable to any position desired.

Large spout is 23 in. above platform—ample room for milk can.

Windmill and Hand Top, Painted Red Each

No. 112—6 in. stroke, 1 1/8 in. rod coupling; tapped for 1 1/4 in. pipe; wt. each 41 lbs..\$9.00

PUMP CYLINDERS

"RED JACKET"

STANDARD IRON

All Iron

No. 1

One-leather plunger; leather valve, brass valve seat.

3 and 3 1/2 in. tapped for 1 1/4 in. pipe; 4 in. tapped for 2 in. pipe. For 1 1/8 in. rod.

No. 310
Size, in. 3x10
Stroke, in. 6
Weight each, lbs. 10
Each\$3.40

No. 312
Size, in. 3x12
Stroke, in. 6
Weight each, lbs. 12
Each\$4.80

Nos. 314 3510 410
Size, in. 3x14 3 1/2x10 4x10
Stroke, in. 8 6 6
Weight each, lbs.. 14 13 22 1/2
Each\$5.40 4.80 6.10

Note—No. 314 has two-leather plunger.

Iron, Brass Lined

No. 13

One-leather plunger; leather valve, brass valve seat.

Tapped for 1 1/4 in. pipe. For 1 1/8 in. rod.

Nos.310-B 312-B
Size, in. 3x10 3x12
Stroke, in. 6 6
Wt. each, lbs.. 11 13
Each\$6.00 7.00

No.314-B
Size, in. 3x14
Stroke, in. 8
Weight each, lbs. 15
Each\$8.00

Note—No. 314-B has two-leather plunger.

All above, open stock.

SHALLOW WELL WATER SYSTEMS

RED JACKET, ELECTRIC

MODEL No. 1148, OIL LUBRICATED Capacity 225 Gallons per Hour

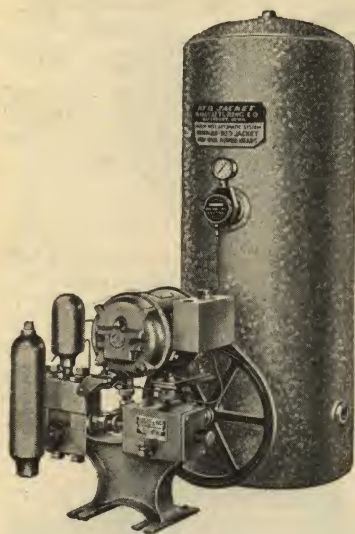
Adapted for wells, lakes, streams, and cisterns where the low water level does not exceed 22 ft.

Specifications

Pressure Switch—Equipped with thermal overload coil and button, and mounted on the motor.

Pulleys—V type on motor and flat type on pump. This type of drive has proven very satisfactory as it eliminates frayed belts.

Cylinder Size and Stroke— $1\frac{1}{8} \times 1\frac{1}{2}$ in. removable all brass plunger has special treated non-hardening leathers.



No. 1148-B

Construction—The operating end has an extra large bearing surface which assures long life to the main bearing. The piston rod is held in line by a bronze bearing both in front and behind the cross head. There is no way for the piston rod to get out of line and as the bearings literally run in oil there is practically no wear. The disc, holding the crank pin and bronze sliding piece is counterweighted thus practically eliminating vibration. The pulley shaft is steel running in bronze bearings. All working parts are flooded continually with oil. The piston rod is stainless steel. The plunger leathers are of special non-hardening leather. The plunger is removable through the front cylinder cap without disturbing or tearing down the pump. Stuffing boxes are large, easy to adjust and made of brass. The valves are large, made of non-hardening rubber with brass weight and brass spring. A brass plug above each valve makes inspection and replacement a very simple matter. The pump is tapped for $\frac{3}{4}$ in. suction and $\frac{1}{2}$ in. discharge pipe.

Quality—Only the finest material and workmanship is used in the construction of this pump. This pump should not be confused or compared with cheap, ordinary pumps, although the cost is no more.

Complete with $\frac{1}{4}$ H. P., 110 Volt 60 Cycle A. C. Motor

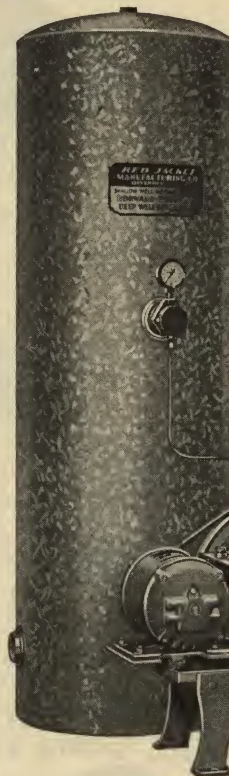
Each

No. 1148-C—Without tank; $17\frac{1}{2}$ in. long, $10\frac{1}{2}$ in. wide and 17 in. high over all; shipping weight each 75 lbs.\$33.50

No. 1148-D—With 15 gallon galvanized steel tank, relief valve and connection fittings; $17\frac{1}{2}$ in. long, $32\frac{1}{2}$ in. wide and 33 in. high over all; ship. wt. each 120 lbs. 39.95

No. 1148-B—With 42 gallon galvanized steel tank, relief valve, connection fittings, air volume control and pressure gauge; $17\frac{1}{2}$ in. long, $32\frac{1}{2}$ in. wide and 51 in. high over all; shipping wt. each 175 lbs. 53.50

Add for motors of different voltage and frequencies.....	7.00
Deduct for 15-gallon tank, if not required	4.50
Deduct for 42-gallon tank if not required.....	10.00
Deduct for motor if not required	10.00
Deduct for pressure switch if not required.....	3.00
Deduct for relief valve if not required	1.50
Deduct for air volume control if not required	3.00
Deduct for connection fittings if not required	1.50
Deduct for pressure gauge if not required	1.50



No. 1150-B

MODEL No. 1150, WATER LUBRICATED

Capacity 250 Gallons per Hour

Adapted for wells, lakes, streams and cisterns where the low water level does not exceed 22 ft.

Specifications

Pressure Switch—Equipped with thermal overload coil and button and mounted on the motor.

Pulleys—V type on motor and flat type on pump. This type of drive has proven very satisfactory as it eliminates frayed belts.

Cylinder Size and Stroke— $1\frac{1}{8} \times 1\frac{1}{2}$ in. removable all brass and aluminum plunger with waterproof leathers.

Construction—Special water lubricated bearings — both connecting rod and shaft. No oil polluted water. Has built-in relief valve. The wrist pin is made of hardened and ground stainless steel. Heavy bronze connecting rod. The cylinder is lined with a heavy seamless brass lining. The

suction valves are below the cylinder and are so designed that they are always covered with water. Once primed, the pump is always ready for service. Lower valve deck is removable without disturbing discharge line, suction line, or any other part of the pump. The valves are large and made of special rubber with brass weight, and phosphor bronze valve springs. The pump is tapped for $\frac{3}{4}$ in. suction and $\frac{3}{4}$ in. discharge pipe.

Quality—Only the finest material and workmanship is used in the construction of this pump. Not to be confused or compared with cheap, ordinary pumps.

Complete with $\frac{1}{4}$ H. P., 110 Volt 60 Cycle A. C. Motor

Each

No. 1150-C—Without tank; $23\frac{1}{2}$ in. long, 11 in. wide and $18\frac{1}{2}$ in. high over all; shipping wt. each 100 lbs.\$37.25

No. 1150—With 8 gallon galvanized steel tank; 26 in. long, $11\frac{1}{2}$ in. wide and 24 in. high over all; shipping wt. each 135 lbs. 43.75

No. 1150-A—With horizontal 20 gallon galvanized steel tank; 34 in. long, 14 in. wide and $27\frac{1}{2}$ in. high over all; shipping wt. each 175 lbs. 46.50

No. 1150-B—With vertical 42 gallon galvanized steel tank; connection fittings, air volume control and pressure gauge; 26 in. long, 30 in. wide and 51 in. high over all; shipping wt. each 205 lbs. 57.25

Add for motors of different voltage and frequencies.....	7.00
Deduct for motor if not required	10.00
Deduct for pressure switch if not required.....	3.00
Deduct for 42-gallon tank if not required.....	10.00
Deduct for air volume control if not required.....	3.00
Deduct for pressure gauge if not required	1.50
Deduct for connection fittings if not required	1.50
Add for 120-gallon galvanized tank	12.50

CYLINDER PLUNGERS "RED JACKET"



No. 711—All Iron, One-leather

Used on No. 100 pitcher spout pump.

Tapped $\frac{3}{8}$ in.

Size, in.	3	3½
Wt. each, lbs.	1½	1¾
Each	\$0.70	.90



No. 710—Iron Body, Brass Cage; One-leather

Used on No. 213 house force pump. Tapped $\frac{1}{8}$ in.

Size, in.	3	3½
Wt. each, lbs.	1½	1¾
Each	\$2.10	3.24



No. 700—All Iron, One-leather

Used in Nos. 1 and 13 pump cylinders. Tapped $\frac{1}{8}$ and $\frac{3}{8}$ in. (always specify).

Size, in.	3	3½
Wt. each, lbs.	1¼	2
Each	\$0.88	1.20



No. 701—All Iron, Two-leather

Tapped $\frac{1}{8}$ and $\frac{3}{8}$ in. (always specify).

Size, in.	3
Wt. ea., lbs.	2
Each	\$1.50

Size, in.	3½
Wt. ea., lbs.	2½
Each	\$2.00

CHECK VALVES "RED JACKET"

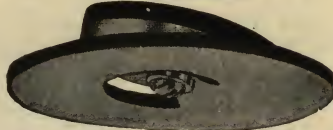


No. 224—Common Leather Valve Can be used in all cylinders.

Size, in.	3	3½
Wt. each, ozs.	5	6
Each	\$0.32	.36

All above, open stock.

CHECK VALVES "RED JACKET"



No. 111—For Sandy Wells

Made of leather and rubber with an iron weight, all fastened together with screw-head steel bolts.

Size, in.	3	3½
Wt. each, ozs.	5	6
Each	\$0.50	.56

Open stock.

PUMP LEATHERS "RED JACKET" SAND VALVE LEATHER



No. 210—Selected Leather

Cut from selected hides and when pressed the flesh side of the leather is turned out.

Size, in.	3	3½
Wt. dozen, lbs.	5½	1
Per dozen	\$0.18	.24

One dozen in a sealed carton.

"CLAYTON MARK" LOWER VALVE LEATHER



No. 700—Selected Leather

Cut from high grade leather, clean cut and true to dimensions.

Size valve, in.	O. D. of leather, in.	Wt. gross, lbs.	Per dozen
1½	2	1¾	\$0.70
2	2½	3	1.00
2¼	2¾	3¼	1.20
2½	3	4	1.40
2¾	3¼	5½	1.60
3	3½	5¾	1.70
3¼	3¾	7¾	2.20
3½	4	9	2.50
3¾	4¼	9¾	2.80
4	4½	11	3.00

One dozen in a carton.

CUP LEATHER

No. 702—Oak Tan- ned Leather

First quality leather stock; properly finished for good service.



Size, in.	Wt. gross, lbs.	Per dozen
¾	1	\$0.60
1	1¼	.60
1½	1½	.70
1¾	1¾	.70
1¾	2	.80
1½	2¼	1.00
1¾	3	1.20
2	4	1.50
2¼	5	1.60
2½	5½	1.90
2¾	6¼	2.20
3	7½	2.40
3¼	9	3.00
3½	9¼	3.50
3¾	12¾	4.00
4	13½	4.50
5	25¾	7.20

One dozen in a carton.

PUMP LEATHERS LOWER VALVE LEATHER



No. 209—Selected Leather

For pitcher spout pumps.

Cut from selected hides and when pressed the flesh side of the leather is turned out.

Size, in.	3
Wt. dozen, lbs.	5½
Per dozen	\$2.40

One dozen in a sealed carton.

CYLINDER CAPS "RED JACKET"



Upper

Each

No. 2210-R—3 in.; for Nos. 1 and 13 pump cylinders; wt. each 2 lbs. \$1.06
Open stock.



Lower

Each

No. 2165-R—3 in.; for Nos. 1 and 13 pump cylinders; tapped for 1¼ in. pipe; wt. each 3 lbs. \$1.36
Open stock.

PUMP REPAIR PARTS "RED JACKET"

HANDLES

Each

No. 476-R—6 in. stroke; for Nos. 46 and 48A lift pumps and No. 113 pump standard; wt. each 7 lbs. \$1.50
Open stock.

HANDLE FORKS

Each

No. 480-R—For Nos. 46 and 48A lift pumps and No. 113 pump standard; wt. each ½ lb. \$0.30
Open stock.

FULCRUM HEADS

Each

No. 458-R—For Nos. 46 and 48A lift pumps and No. 113 pump standard; wt. each 5 lbs. \$1.90
Open stock.

PUMP REPAIR PARTS

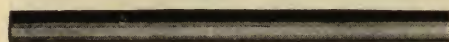
"RED JACKET" VALVE TRIP WEIGHTS



Iron Each
No. 642-R—For No. 100 pitcher spout pump and No. 213 house force pump; weight each 2 ozs.....\$0.24
Open stock.

PLUNGER STEMS Each
No. 735-R—7x $\frac{3}{8}$ in.; for No. 100 pitcher spout pump\$0.30
Open stock.

PUMP ROD STEEL



Galvanized, Plain Ends; In 18 ft. Lengths
Size, in. $\frac{3}{8}$ $\frac{7}{8}$
Weight 100 ft., lbs. 37 $\frac{1}{2}$ 51
Per pound\$0.12 .12 $\frac{1}{2}$
100 pounds in a bundle.

PUMP ROD COUPLINGS FOR WOOD PUMP ROD



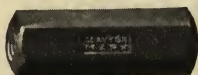
Malleable Iron, Galvanized

Made with a socket for ends of the rod to be driven into, to prevent splitting.

Nos.	432	435	436
For rod, in.	1-1 $\frac{1}{8}$	1-1 $\frac{1}{2}$	1 $\frac{1}{4}$ -1 $\frac{3}{4}$
Holes	2	3	3
Pipe thread, in.	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{1}{2}$
Weight set, lbs.	1	1 $\frac{1}{2}$	1 $\frac{3}{4}$
Per set .....\$0.64	.90	1.50	

Open stock.

FOR STEEL PUMP ROD



Malleable Iron, Galvanized

Threads are sharp and true. Tapped straight.

Nos.	720	724
Size, in.	$\frac{3}{8}$ x $\frac{3}{8}$	$\frac{3}{8}$ x $\frac{7}{8}$
Threads, per in.	14	14-12
Pieces in lb.	7	7
Per dozen .....\$1.00	1.00	
Nos.	726	730
Size, in.	$\frac{7}{8}$ x $\frac{7}{8}$	$\frac{7}{8}$ x $\frac{1}{2}$
Threads, per in.	12	12-14
Pieces in lb.	6	5
Per dozen .....\$1.00	1.00	

Open stock.

DRIVE CAPS



No. 618—Malleable Iron

Designed for driving pipe and well points. Extremely strong. Standard pipe threads.

For pipe, in.	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2
Weight each, lbs.	1 $\frac{1}{2}$	2	3 $\frac{1}{4}$
Each .....\$0.56	.64	1.20	

Open stock.

SUCTION PIPE STRAINERS

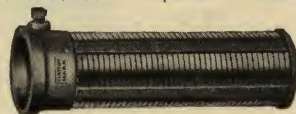
FOR OPEN WELLS AND CISTERNS



Without Gauze

Malleable iron, galvanized. With set screw.

Nos.	500	501	502
For pipe, in.	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$
Weight each, lbs.	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$
Each .....\$0.62	.66	.72	



Vertical Grooved, No. 10 Slots

Inside V cut slotted seamless brass tubing; galvanized iron top fitting, cast brass bottom plate. Top and bottom connected with brass screw. With set screw.

No. 10 slots are equivalent to 60 mesh gauze.

Nos.	1002	1003
For pipe, in.	1	1 $\frac{1}{4}$
Weight each, lbs.	$\frac{3}{4}$	1
Each .....\$0.78	.88	
Nos.	1004	1005
For pipe, in.	1 $\frac{1}{2}$	2
Weight each, lbs.	1 $\frac{1}{4}$	1 $\frac{3}{4}$
Each .....\$1.00	1.36	

DRIVE WELL POINTS

BRASS JACKET



Solid Forged High Carbon Steel Point

Well points are integral with wrought steel pipe section. Will not blunt, bend or break. Rectangular holes are punched in pipe section. Galvanized outside and inside.

Jacket is made of brass wire cloth and perforated sheet brass, and is securely soldered to pipe.

No. 60 Mesh Gauze

Nos.	90	94	98
Inside diam., in.	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
Point, in.	24	30	36
Jacket, in.	18	24	30
Sq. in. of opening ...	20	26 $\frac{1}{4}$	33
Weight dozen, lbs.	87	103	120
Per dozen .....\$27.50	35.00	43.00	

Nos.	100	102	144
Inside diam., in.	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$
Point, in.	42	48	36
Jacket, in.	36	42	30
Sq. in. of opening ...	39 $\frac{1}{2}$	45 $\frac{1}{2}$	37 $\frac{1}{2}$
Weight dozen, lbs.	136	153	144
Per dozen .....\$50.50	58.00	64.00	

FOOT VALVES

WITH STRAINER



No. 540—Cast Iron, Galvanized

Made in two halves with valve seat and good leather valve bolted between perforated bottom.

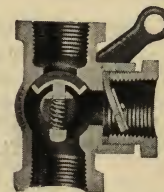
For pipe, in.	1	1 $\frac{1}{4}$
Weight each, lbs.	1 $\frac{1}{2}$	2 $\frac{1}{4}$
Each .....\$0.80	.90	

All above, open stock.

3-WAY VALVES

"RED JACKET"

All Brass



The valve holder is held firmly against the seat with a heavy spring, aided by water pressure.

The core can be removed without disconnecting the 3-way.

Used on "Red Jacket" pumps, but may be used on other makes also.

Nos.	35- $\frac{3}{4}$	35-1	35-1 $\frac{1}{4}$
For pipe, in.	$\frac{3}{4}$	1	1 $\frac{1}{4}$
Outlet tapped, in.	$\frac{3}{4}$	1	1 $\frac{1}{4}$
Weight each, lbs.	2	3	5
Each .....\$4.70	5.30	7.10	

FLOAT VALVES

"RED JACKET"



All Brass Body

Beveled seat, rubber ball check; iron lever painted red.

The ball revolves assuring even wear and a positive seat. Prevents windmills creeping in gear.

Nos.	132- $\frac{3}{4}$	132-1	132-1 $\frac{1}{4}$
For pipe, in.	$\frac{3}{4}$	1	1 $\frac{1}{4}$
Weight each, lbs.	3	3 $\frac{3}{8}$	3 $\frac{3}{4}$
Each .....\$1.60	1.90	2.40	

Ex. Lever—18 in. long.....Each \$0.75

Extra Balls

Size, in.	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$
For valve, Nos.	132- $\frac{3}{4}$	132-1	132-1 $\frac{1}{4}$
Each .....\$0.60	.60	.60	

TANK FLOATS

"RED JACKET"



Galvanized Steel

Used in connection with No. 132 float valve.

Nos.	134-10	134-12	134-14
Diam., in.	10	12	14
Weight each, lbs.	3	4	5
Each .....\$1.36	1.40	2.00	

WATER CONDUCTORS

"RED JACKET"



Iron Body, Painted Red

For conducting water from pump spout to nearby tanks and troughs.

Swivel head permits the body to be turned in any direction desired without removing it from spout.

Nos.	216-1 $\frac{1}{4}$	216-1 $\frac{1}{2}$	216-2
For pipe, in.	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2
Weight each, lbs.	3 $\frac{3}{4}$	4 $\frac{1}{4}$	5
Each .....\$0.72	.80	1.26	

All above, open stock.

CHAIN PUMPS

I. X. L.

Capacity 20 Gallons per Minute

Made of 24 gauge galvanized steel, painted gray and stenciled and varnished. Cast iron spout and fixtures, steel brackets at base.

For wells 40 ft. deep and less.

Each

I. X. L.—Capacity 20 gal. of water per minute, 40 in. high, 16 in. wide, 9x17 in. base, 12 in. diameter reel with 10 prongs, 1 $\frac{3}{4}$ x6 $\frac{3}{4}$ in. spout; without tubing, chain or buckets; wt. each crated 42 lbs.\$9.30
One in a crate.

GEM

Capacity 15 Gallons per Minute

Made of 24 gauge galvanized steel, painted stone color and stenciled and varnished. Ventilated top, cast iron spout and fixtures, extension base.

For wells 40 ft. deep and less.

Each

Gem—Capacity 15 gals. of water per minute, 36 in. high, 14 $\frac{1}{2}$ in. wide, 8x16 in. base, 10 $\frac{1}{2}$ in. diameter reel with 10 prongs, 1 $\frac{3}{4}$ x6 $\frac{1}{2}$ in. spout; without tubing, chain or buckets; wt. each crated 27 lbs.\$6.00
One in a crate.

REPAIR PARTS FOR I. X. L. CHAIN PUMPS



All parts japanned.

Nos.	Part	Wt. lbs.	Each	Nos.	Part	Wt. lbs.	Each
B	Reel	2 $\frac{1}{2}$	\$1.70	G	Axle	1 $\frac{1}{2}$	\$1.00
C	Small Box	$\frac{1}{4}$	.35	H	Spout	2	1.35
D	Large Box	1	.85	L	Cog Wheel	$\frac{1}{4}$	.35
E	Dog	$\frac{1}{8}$	.20	Sterrup		$\frac{1}{4}$	.35
F	Handle	1	.85				

REPAIR PARTS FOR GEM CHAIN PUMPS

All parts japanned.

Nos.	Part	Wt. lbs.	Each	Nos.	Part	Wt. lbs.	Each
1	Spout	2	\$1.20	6	Large Box	1	\$0.70
2	Handle	1 $\frac{1}{2}$	1.00	7	Axle	1 $\frac{1}{2}$	.70
3	Reel	2 $\frac{1}{2}$	1.35	8	Dog	$\frac{1}{8}$	.20
4	Spout Ring	$\frac{1}{8}$	.35	Sterrup		$\frac{1}{4}$	.35
5	Small Box	$\frac{1}{4}$	.35				

Discount on Application.

RESERVOIR BOXES

I. X. L.

Galvanized Steel, Malleable Iron Neck

Strongly constructed and will not leak. The threaded neck permits the box to be used on plain tubing so as to make reservoir tubing.

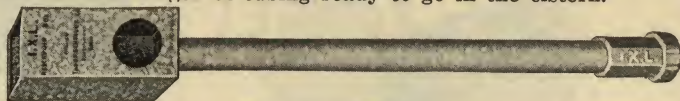
Each

Reservoir Box—10 in. long; wt. each 1 $\frac{3}{4}$ lbs.\$0.72
Open stock.

GALVANIZED CHAIN PUMP TUBING

I. X. L.

Tubing consists of a reservoir (or top piece) and a funnel (or bottom piece), joined together with a coupling, thus making the complete length of tubing ready to go in the cistern.



Reservoir Tubing

With half coupling on same to fit other half of funnel tubing.

Per ft.

Reservoir Tubing—Lengths 5, 6, 7, 8, 9 and 10 ft.; wt. per 100 ft., 80 lbs.\$0.14
20 pieces in a crate.



Funnel Tubing

With half coupling on same to fit the other half on reservoir tubing.

Per ft.

Funnel Tubing—Lengths 6, 7, 8, 9 and 10 ft.; wt. per 100 ft., 80 lbs.\$0.14
32 pieces in a crate.



Plain Tubing

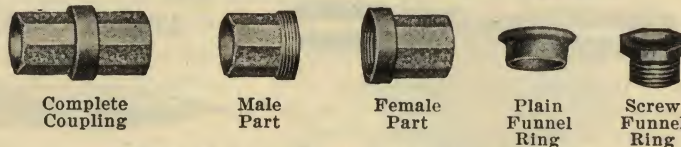
Used where deep well is greater than 19 feet. With a half coupling on each end to fit other half coupling on reservoir and funnel tubing respectively.

Per ft.

Plain Tubing—Lengths 5, 6, 7, 8, 9 and 10 ft.; wt. per 100 ft., 80 lbs.\$0.14
32 pieces in a crate.

Note—Price of tubing does not include couplings.

EXTRA PARTS FOR CHAIN PUMP TUBING



For I. X. L. Galvanized Steel Pump Tubing

Each

Complete Coupling—Wt. each 1 lb.\$0.76
Male Part—Wt. each $\frac{7}{8}$ lb.40
Female Part—Wt. each $\frac{7}{8}$ lb.40
Plain Funnel Ring—Wt. each $\frac{5}{8}$ lb.30
Screw Funnel Ring—Wt. each $\frac{5}{8}$ lb.40
Open stock.

RUBBER PUMP BUCKETS

I. X. L.

For Chain Pump Tubing

Reversible, self-adjusting, anti-freezing and easy working.

Two suction edges give it double the suction power. The space between the two rubbers filling with water forms a water packing which is as good as solid rubber, without any increase in friction.

Per dozen

I. X. L.—Wt. per dozen about 1 lb.\$0.90
100 in a box.

COOPER

For Chain Pump Tubing

Has a double or grooved edge which increases its suction power. Carefully made of high grade materials.

Per dozen

Cooper—Weight per dozen about 1 lb.\$0.80
100 in a box.

PUMP CHAIN PLIERS

I. X. L.

Malleable Iron

Used to open and close the links of pump chain.

Each

I. X. L.—7 in. long; weight each $\frac{3}{4}$ lb.\$0.80
Open stock.



STANDARD STEEL PIPE

YOUNGSTOWN SHEET AND TUBE CO.



Black and Galvanized. Standard Weight; Threaded and Coupled

Easy threading and bending. For steam and water working pressures up to 150 lbs. All weights and dimensions are nominal.

STANDARD STEEL PIPE Black and Galvanized

Nominal Inside Diameter, Inches	Black Per Foot	Galv. Per Foot	Thickness, Inches	Nominal Weight Per Foot T. & C.	No. of Threads Per Inch of Screw
1/8	\$0.05 1/2	\$0.05 1/2	.068	0.245	27
1/4	.06	.06	.088	0.425	18
3/8	.06	.06	.091	0.568	18
1/2	.08 1/2	.08 1/2	.109	0.852	14
3/4	.11 1/2	.11 1/2	.113	1.134	14
1	.17	.17	.133	1.684	11 1/2
1 1/4	.23	.23	.140	2.281	11 1/2
1 1/2	.27 1/2	.27 1/2	.145	2.731	11 1/2
2	.37	.37	.154	3.678	11 1/2
2 1/2	.58 1/2	.58 1/2	.203	5.819	8
3	.76 1/2	.76 1/2	.216	7.616	8
3 1/2	.92	.92	.226	9.202	8
4	1.09	1.09	.237	10.889	8

BUNDLING SCHEDULE FOR STANDARD STEEL PIPE

Size, in.	No. of Pieces per Bundle	Average Number Feet Per Bundle	Av. Weight Per Bundle, Lbs.
1/8	25 to 32	500	123
1/4	24	420	179
3/8	18	340	193
1/2	12	240	204
3/4	7	140	159
1	5	100	168
1 1/4	3	54	124
1 1/2	3	60	164
2	Loose, Not Bundled		
2 1/2			
3			
3 1/2			
4			

PLUGGED AND REAMED PIPE Galvanized

Per foot

2 in. \$0.37

Note—Order sizes 1/8 to 1 1/2 in. by bundle; order sizes 2 in. and larger in random lengths. 1 1/4 in. galvanized pipe carried in 18 ft. lengths only; 54 ft. in a bundle.

WROUGHT PIPE NIPPLES



Close



Short



Long

List Price Each

Made from new and selected pipe; ends reamed and chamfered.

Standard List Adopted Sept. 1, 1933

BLACK, RIGHT HAND

Diam., in.	Length, in.		Price Each		Length, Inches								
	Close	Short	Close	Short	2	2½	3	3½	4	4½	5	5½	6
⅜	¾	1½	\$0.05	\$0.06	\$0.07	\$0.08	\$0.08	\$0.09	\$0.09	\$0.10	\$0.11	\$....	\$....
¼	⅞	1½	.05	.06	.07	.08	.08	.09	.09	.10	.11	....	....
⅜	1	1½	.05	.06	.07	.08	.08	.09	.09	.10	.11	....	....
½	1⅛	1½	.06	.07	.08	.09	.09	.10	.10	.11	.12	.13	.14
¾	1⅜	2	.08	.09	.10	.10	.11	.12	.13	.14	.15	.16	.17
1	1½	2	.10	.11	....	.14	.14	.15	.16	.17	.18	.19	.20
1¼	1⅞	2½	.13	.15	....	....	.16	.18	.20	.22	.24	.26	.28
1½	1¾	2½	.16	.18	....	....	.20	.22	.25	.27	.29	.31	.34
2	2	2½	.21	.24	....	....	.28	.31	.34	.37	.40	.44	.48

GALVANIZED, RIGHT HAND

Diam., in.	Length,in.		Price Each		Length, Inches								
	Close	Short	Close	Short	2	2½	3	3½	4	4½	5	5½	6
⅛	¾	1½	\$0.07	\$0.08	\$0.10	\$0.11	\$0.12	\$0.13	\$0.14	\$0.15	\$0.16	\$....	\$....
¼	⅞	1½	.07	.08	.10	.11	.12	.13	.14	.15	.16	....	....
⅜	1	1½	.07	.08	.10	.11	.12	.13	.14	.15	.16	....	....
½	1⅛	1½	.08	.09	.11	.12	.13	.14	.15	.16	.17	.18	.20
¾	1⅜	2	.10	.12	.13	.13	.14	.16	.18	.20	.22	.24	.26
1	1½	2	.13	.15	....	.18	.20	.22	.24	.26	.28	.30	.34
1¼	1⅞	2½	.17	.22	....	....	.26	.28	.30	.34	.37	.40	.44
1½	1¾	2½	.22	.26	....	....	.30	.34	.38	.42	.45	.48	.52
2	2	2½	.30	.35	....	....	.40	.45	.50	.55	.60	.65	.70

WROUGHT PIPE COUPLINGS

STANDARD Right Hand

Size, in.	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
Wt. 100 lbs.	3	7	11	15	25	42	60	81	118
Black, each	\$0.05	.05	.06	.07	.10	.13	.17	.21	.28
Galv., each	.06	.06	.08	.10	.13	.18	.25	.32	.40

NOTE—All Lists on this page are Factory Lists—Subject to Discount.



MALLEABLE IRON PIPE FITTINGS

For Steam and Water Working Pressures up to 150 Pounds
Standard List Adopted March 1, 1930

90° ELBOWS



Flat Banded, Right Hand

Size, in.	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$
Wt. 100, lbs.	7 $\frac{3}{4}$	12 $\frac{1}{2}$	19 $\frac{1}{2}$
Black, each	\$0.05	.05	.05
Galv., each .....	.07	.07	.08
Size, in.	$\frac{1}{2}$	$\frac{3}{4}$	1
Wt. 100, lbs.	24	36 $\frac{1}{2}$	58 $\frac{3}{4}$
Black, each	\$0.07	.10	.13
Galv., each .....	.09	.13	.17
Size, in.	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2
Wt. 100, lbs.	101 $\frac{1}{4}$	134 $\frac{1}{2}$	215
Black, each	\$0.20	.25	.40
Galv., each .....	.26	.33	.52

90° REDUCING ELBOWS

Flat Banded, Right Hand

Size, in.	$\frac{1}{2} \times \frac{3}{8}$	$\frac{3}{4} \times \frac{1}{2}$
Wt. 100, lbs.	23	35 $\frac{3}{4}$
Black, each	\$0.08	.11
Galv., each .....	.10	.14
Size, in.	1 $\times \frac{3}{4}$	1 $\frac{1}{4} \times 1$
Wt. 100, lbs.	49 $\frac{1}{2}$	85
Black, each	\$0.14	.22
Galv., each .....	.18	.29

90° STREET ELBOWS



Flat Banded, Right Hand

Size, in.	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$
Wt. 100, lbs.	6	10 $\frac{3}{4}$	17 $\frac{3}{4}$
Black, each	\$0.06	.06	.07
Galv., each .....	.08	.08	.09
Size, in.	$\frac{1}{2}$	$\frac{3}{4}$	1
Wt. 100, lbs.	28 $\frac{3}{4}$	37 $\frac{1}{2}$	68
Black, each	\$0.08	.12	.15
Galv., each .....	.10	.16	.20
Size, in.	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2
Wt. 100, lbs.	104	137	240
Black, each	\$0.23	.29	.46
Galv., each .....	.30	.38	.60

All above, open stock.

45° ELBOWS



Flat Banded, Right Hand

Size, in.	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$
Wt. 100, lbs.	6 $\frac{3}{4}$	11 $\frac{1}{2}$	15 $\frac{1}{2}$
Black, each	\$0.06	.06	.07
Galv., each .....	.08	.08	.09
Size, in.	$\frac{1}{2}$	$\frac{3}{4}$	1
Wt. 100, lbs.	21 $\frac{1}{4}$	34 $\frac{1}{4}$	47 $\frac{1}{4}$
Black, each	\$0.09	.12	.16
Galv., each .....	.12	.16	.21
Size, in.	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2
Wt. 100, lbs.	81 $\frac{1}{2}$	109	188
Black, each	\$0.24	.30	.48
Galv., each .....	.31	.39	.62

45° STREET ELBOWS



Flat Banded, Right Hand

Size, in.	$\frac{1}{2}$	$\frac{3}{4}$	1
Wt. 100, lbs.	28	37	68
Galv., each	\$0.13	.18	.23
Size, in.	1 $\frac{1}{4}$	1 $\frac{1}{2}$	
Wt. 100, lbs.	104	137	
Galv., each	\$0.36	.46	

REDUCERS



Flat Banded, Right Hand

 $\frac{1}{4} \times 1\frac{1}{2}$ in. is plain, not banded.

Size, in.	$\frac{1}{4} \times \frac{1}{8}$	$\frac{3}{8} \times \frac{1}{4}$	$\frac{1}{2} \times \frac{3}{8}$
Wt. 100, lbs.	7 $\frac{1}{2}$	12 $\frac{1}{2}$	15 $\frac{1}{4}$
Black, each	\$0.05	.05	.06
Galv., each .....	.07	.07	.08
Size, in.	$\frac{3}{4} \times \frac{1}{2}$	1 $\times \frac{3}{4}$	1 $\frac{1}{4} \times 1$
Wt. 100, lbs.	24 $\frac{3}{4}$	38	64 $\frac{1}{2}$
Black, each	\$0.09	.12	.15
Galv., each .....	.12	.16	.20
Size, in.	1 $\frac{1}{2} \times 1\frac{1}{4}$	2 $\times 1\frac{1}{2}$	
Wt. 100, lbs.	86 $\frac{1}{4}$	144	
Black, each	\$0.18	.28	
Galv., each .....	.23	.36	

All above, open stock.

STRAIGHT TEES



Flat Banded, Right Hand

Size, in.	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$
Wt. 100, lbs.	10 $\frac{1}{4}$	14 $\frac{1}{2}$	21 $\frac{3}{4}$
Black, each	\$0.07	.07	.08
Galv., each .....	.09	.09	.10
Size, in.	$\frac{1}{2}$	$\frac{3}{4}$	1
Wt. 100, lbs.	31 $\frac{1}{4}$	48 $\frac{1}{2}$	73
Black, each	\$0.10	.13	.17
Galv., each .....	.13	.17	.22
Size, in.	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2
Wt. 100, lbs.	131 $\frac{1}{2}$	167	276
Black, each	\$0.26	.33	.52
Galv., each .....	.34	.43	.68

REDUCING TEES

Flat Banded, Right Hand

In describing reducing tees, the run is named first, the branch on outlet last, thus:

Size, in.	$\frac{1}{2} - \frac{3}{4} = \frac{1}{2} \times \frac{3}{8} \times \frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	1
Wt. 100, lbs.	29	38	51	
Black, each	\$0.11	.15	.19	
Galv., each .....	.14	.20	.25	

Size, in.	1 $\frac{1}{4}$	1 $\frac{1}{2}$	
Wt. 100, lbs.	104	136	
Black, each	\$0.29	.37	
Galv., each .....	.38	.48	

We stock reductions of all sizes.

STRAIGHT CROSSES



Flat Banded, Right Hand

Size, in.	$\frac{1}{2}$	$\frac{3}{4}$
Wt. 100, lbs.	40	61 $\frac{1}{2}$
Galv., each	\$0.17	.23
Size, in.	1	1 $\frac{1}{4}$
Wt. 100, lbs.	92	151
Galv., each	\$0.30	.46

RETURN BENDS



Open Pattern; Flat Banded, Right Hand

Size, in.	$\frac{3}{4}$	1
Center to center, in.	2	2 $\frac{1}{2}$
Wt. 100, lbs.	64 $\frac{1}{4}$	103
Black, each	\$0.22	.29

All above, open stock.

NOTE—All Lists on this page are Factory Lists—Subject to Discount.

MALLEABLE IRON PIPE FITTINGS

For Steam and Water Working Pressures Up to 150 Pounds
Standard List Adopted March 1, 1930

FEMALE DROP ELBOWS



Plain, Right Hand

Size, in.	$\frac{3}{8}$	$\frac{1}{2}$
Wt. 100, lbs. 21	28 $\frac{3}{4}$	
Galv., each..\$0.11	.16	

STANDARD UNIONS

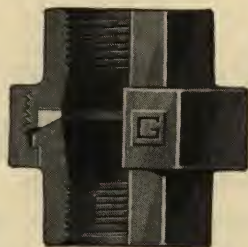


No. 6—Gasket Type; Octagon Nut

Size, in.	$\frac{1}{2}$	$\frac{3}{4}$
Wt. 100, lbs.....	43 $\frac{1}{2}$	71 $\frac{1}{2}$
Black, each	\$0.22	.27
Galv., each .....	.33	.40

Size, in.	1	1 $\frac{1}{4}$
Wt. 100, lbs.	94	120
Black, each	\$0.33	.46
Galv., each .....	.50	.70

GROUND JOINT UNIONS



No. 18—Brass Inserted Seat; Octagon Nut

Size, in.	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$
Wt. 100, lbs.....	16	25	27
Black, each	\$0.30	.30	.40
Galv., each .....	.45	.45	.60

Size, in.	$\frac{1}{2}$	$\frac{3}{4}$	1
Wt. 100, lbs.	37	61	93
Black, each	\$0.50	.60	.80
Galv., each .....	.75	.90	1.20

Size, in.	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2
Wt. 100, lbs.	124	160	244
Black, each	\$1.20	1.60	2.00
Galv., each	1.80	2.40	3.00

LOCKNUTS



Hexagon, Right Hand

Size, in.	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$
Wt. 100, lbs..	4 $\frac{1}{2}$	7 $\frac{1}{4}$	7 $\frac{3}{4}$	10 $\frac{1}{4}$
Black, each ..	\$0.02 $\frac{1}{2}$	.02 $\frac{1}{2}$	.03	.04
Galv., each ...	.03 $\frac{1}{2}$	.03 $\frac{1}{2}$	.04	.05

Size, in.	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$
Wt. 100, lbs.	18 $\frac{3}{4}$	26	30
Black, each	\$0.06	.08	.10
Galv., each .....	.08	.10	.13

All above, open stock.

BUSHINGS



Shoulder, Right Hand

Size, in.	$\frac{1}{4}$ x $\frac{1}{8}$	$\frac{3}{8}$ x $\frac{1}{4}$	$\frac{1}{2}$ x $\frac{3}{8}$
Wt. 100, lbs.....	2 $\frac{1}{4}$	3 $\frac{3}{4}$	5 $\frac{1}{4}$
Black, each	\$0.04	.04	.04
Galv., each .....	.08	.08	.08

Size, in.	$\frac{3}{4}$ x $\frac{1}{2}$	1x $\frac{3}{4}$	1 $\frac{1}{4}$ x1
Wt. 100, lbs.	10 $\frac{3}{4}$	14 $\frac{3}{4}$	23 $\frac{3}{4}$
Black, each	\$0.05	.06	.07
Galv., each .....	.10	.12	.14

Size, in.	1 $\frac{1}{2}$ x1 $\frac{1}{4}$	2x1 $\frac{1}{2}$
Wt. 100, lbs.	26 $\frac{3}{4}$	57
Black, each	\$0.09	.14
Galv., each .....	.18	.28

FLOOR FLANGES



Countersunk Screw Holes; Right Hand

Size, in.	$\frac{1}{2}$ x3 $\frac{1}{2}$	$\frac{3}{4}$ x3 $\frac{1}{2}$
Wt. 100, lbs.	40	52
Black, each	\$0.15	.15

Size, in.	1x3 $\frac{3}{4}$	1 $\frac{1}{4}$ x4
Wt. 100, lbs.	54	60
Black, each	\$0.16	.16

PLUGS

Right Hand



Size $\frac{1}{8}$ to $\frac{1}{2}$ inch inclusive, are malleable iron.
 $\frac{3}{4}$ inch and larger are cast iron.

Size, in.	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$
Wt. 100, lbs.	1 $\frac{1}{4}$	3 $\frac{1}{4}$	5 $\frac{3}{4}$
Black, each	\$0.02	.02	.02
Galv., each .....	.04	.04	.04

Size, in.	$\frac{1}{2}$	$\frac{3}{4}$	1
Wt. 100, lbs.....	5 $\frac{3}{4}$	13	22 $\frac{1}{4}$
Black, each	\$0.02	.03	.04
Galv., each .....	.04	.06	.08

Size, in.	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2
Wt. 100, lbs.	32 $\frac{1}{2}$	42	77
Black, each	\$0.05	.07	.10
Galv., each .....	.10	.14	.20

CAPS

Right Hand



Sizes $\frac{1}{8}$ to $\frac{3}{4}$ in. are plain; 1 in. and larger are banded.

Size, in.	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$
Wt. 100, lbs.	3	6 $\frac{1}{2}$	9 $\frac{3}{4}$
Black, each	\$0.03	.03	.04
Galv., each .....	.04	.04	.05

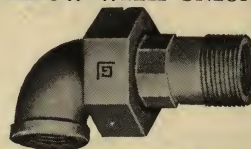
Size, in.	$\frac{1}{2}$	$\frac{3}{4}$	1
Wt. 100, lbs.	14 $\frac{3}{4}$	21 $\frac{1}{2}$	33
Black, each	\$0.05	.08	.10
Galv., each .....	.07	.10	.13

Size, in.	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2
Wt. 100, lbs.	60	76	126
Black, each	\$0.13	.18	.25
Galv., each .....	.17	.23	.33

All above, open stock.

CIRCULATING BOILER FITTINGS

ELBOW WITH UNION



Ground Joint, Brass Inserted Seat

Malleable iron, galvanized; right hand.

Each

No. 260— $\frac{3}{4}$ x $\frac{3}{4}$ x1 in.; wt. each 1 $\frac{1}{4}$ lbs.\$0.75

Open stock.

COUPLING WITH UNION



Ground Joint, Brass Inserted Seat

Malleable iron, galvanized; right hand.

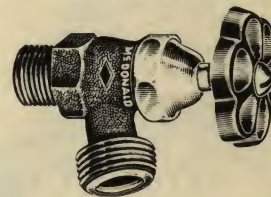
Each

No. 261— $\frac{3}{4}$ x $\frac{3}{4}$ x1 in.; wt. each 1 lb.\$0.75

Open stock.

BOILER DRAIN COCKS

COMPRESSION



No. E-3594—Rough Bronze, Nickel Plated

With $\frac{3}{4}$ in. hose thread on nozzle. Iron wheel handle. Full size water way.

Size, in.	$\frac{1}{2}$	$\frac{3}{4}$
Wt. each, lbs.	$\frac{5}{8}$	$\frac{7}{8}$
Each	\$0.52	.68

Six in a package.

WROUGHT TANK NIPPLES



These nipples have standard lock-nut thread 4 in. long on one end; the other end has a standard pipe thread.

6 In. Long

Size, in.	$\frac{3}{4}$	1	1 $\frac{1}{4}$
Wt. 100, lbs.	42 $\frac{1}{2}$	64 $\frac{1}{2}$	99
Galv., each	\$0.26	.34	.44

NOTE—All Lists on this Page are Factory Lists—Subject to Discount.

BRONZE GLOBE VALVES

WALWORTH, RE-NEW-DISC

For Steam Working Pressures
Up to 150 Pounds

For 200 pounds non-shock oil, water and gas working pressures at ordinary air temperatures.

Renewable asbestos disc; rising stem; malleable iron bonnet ring; malleable iron stuffing nut; red enameled non-heating hand wheel. Malleable iron stuffing box nut and union bonnet ring give additional strength to the neck of the valve and permit unscrewing these parts any number of times without injury to valve.

No. 95—Screwed Ends

Size, in.	1½	¾	1
End to end, in.	2½	3⅞	3¾
Wt. per 100, lbs.	154	239	362
Each	\$1.60	2.20	2.80

Size, in.	1¼	1½	2
Ends to end, in.	4¼	4¾	5½
Wt. per 100, lbs.	527	654	1260
Each	\$4.00	5.50	8.75

WALWORTH, LOW PRESSURE

For Steam Working Pressures
up to 100 Pounds

For 125 pounds non-shock oil, water and gas working pressures at ordinary air temperatures.

Rising stem; black enameled non-heating hand wheel.

No. 50—Screwed Ends

Size, in.	¼	¾
End to end, in.	1½	1¾
Wt. per 100, lbs.	40	46
Each	\$0.72	.77

Size, in.	½	¾	1	1¼	1½
End to end, in.	2¼	2½	2⅞	3¾	3¾
Wt. per 100, lbs.	71	106	156	243	299
Each	\$1.00	1.26	1.80	2.52	3.50

BRONZE GATE VALVES

WALWORTH, STANDARD, DOUBLE DISC

For Steam Working Pressures
up to 125 Pounds

For 150 pounds non-shock oil, water and gas working pressures at ordinary air temperatures.

Rising stem. Red enameled non-heating hand wheel. Long bonnet chamber with ample heavy threading on the stem. Discs are seated by a wedge which bears on the center of the discs. Can be repacked under pressure when wide open.

No. 5—Screwed Ends

Size, in.	½	¾	1
End to end, in.	1½	2⅞	2½
Wt. per 100, lbs.	97	150	229
Each	\$1.65	2.05	2.80

Size, in.	1¼	1½	2
End to end, in.	2¾	3	3⅞
Wt. per 100, lbs.	338	466	795
Each	\$3.70	5.00	7.30

All above, open stock.

BRASS GATE VALVES

LOW PRESSURE, WEDGE

For Steam Working Pressures
up to 100 Pounds

For 140 pounds non-shock water working pressure at ordinary air temperatures.

Non-rising stem. Non-heating hand wheel. A reliable, enduring valve for steam, water, oil and air lines at pressures within the recommended ratings. Can be repacked under pressure when wide open.

No. 1—Screwed Ends

Size, in.	¾	1	1¼
End to end, in.	2	2¼	2⅞
Wt. per 100, lbs.	113	187	258
Each	\$2.05	2.80	3.70

BRASS CHECK VALVES

LOW PRESSURE, VERTICAL

For Steam Working Pressures
up to 100 Pounds

For 125 pounds non-shock oil, water and gas working pressures at ordinary air temperatures.

No. 54—Screwed Ends

Size, in.	¼	¾
End to end, in.	1½	1½
Wt. per 100, lbs.	18	25
Each	\$0.72	.77

Size, in.	½	¾	1	1¼
End to end, in.	2⅞	2⅞	2⅞	3¾
Wt. per 100, lbs.	42	65	106	148
Each	\$1.00	1.26	1.80	2.52

LOW PRESSURE, HORIZONTAL

For Steam Working Pressures
up to 100 Pounds

For 125 pounds non-shock oil, water and gas working pressures at ordinary air temperatures.

No. 52—Screwed Ends

Size, in.	¼	¾	1½
End to end, in.	1½	1¾	2¼
Wt. per 100, lbs.	21	34	48
Each	\$0.65	.70	.90

Size, in.	¾	1	1¼
End to end, in.	2½	2⅞	3¾
Wt. per 100, lbs.	76	115	171
Each	\$1.15	1.60	2.25

LOW PRESSURE, SWING

For Steam Working Pressures
up to 100 Pounds

For 125 pounds non-shock oil, water and gas working pressures at ordinary air temperatures.

For horizontal or vertical flow.

No. 400—Screwed Ends

Size, in.	¾	1	1¼
End to end, in.	2½	3¼	3¾
Wt. per 100, lbs.	74	115	147
Each	\$2.25	2.80	3.65

All above, open stock.

NOTE—All Lists on This Page Are Factory Lists—Subject to Discount

STEAM COCKS

THREE WAY

Bronze



Square head with check. Rough body, finished trimmings.

For steam working pressures up to 125 pounds.

Each
No. E-9711—1 in.; weight each 2½
lbs.\$2.85
Four in a box.

HYDRANT STOP COCKS

GROUND KEY



No. E-3041—
Rough Bronze

Tee handle, flat way; threaded for iron pipe.

Size, in. ¾ 1
Weight each, lbs. 1½ 2½
Each\$2.55 3.68
¾ in., six; 1 in., four in a package.

STOP AND DRAIN COCKS

COMPRESSION



No. E-3511—Rough Bronze,
Finished Trimmings

With stuffing box and iron wheel handle. Threaded for iron pipe.

Stuffing box easily repacked under pressure when fully opened.

Full area openings through body so as not to resist the flow of water through it.

Size, in. ½ ¾
Weight each, lbs. ½ ¾
Each\$0.80 .88
Open stock.

GROUND KEY



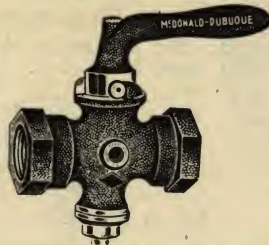
No. E-2892—Tee
Handle

Rough bronze, flat way, threaded for iron pipe.

Size, in. ½ ¾ 1
Weight each, lbs. 1 2 2½
Each\$1.04 1.36 2.60
½ and ¾ in., six; 1 in., four in a package.

STOP AND DRAIN COCKS

GROUND KEY



No. E-2912—Lever Handle

Rough bronze, flat way, threaded for iron pipe.

Size, in. ¼ ¾ ½
Weight each, lbs. ½ 5/8 7/8
Each\$1.00 1.00 1.10

Size, in. ¾ 1
Weight each, lbs. 1½ 2½
Each\$1.80 2.60

¾ to ¾ in., six; 1 in., four in a package.

STOP COCKS



No. E-2891—Tee
Handle

Rough bronze, flat way, threaded for iron pipe.

Size, in. ½ ¾ 1
Weight each, lbs. 1 2 2½
Each\$1.00 1.75 2.60
½ and ¾ in., six; 1 in., four in a package.



No. E-2911—
Lever Handle

Rough bronze, flat way, threaded for iron pipe.

Size, in. ¼ ¾ ½
Weight each, lbs. ½ 5/8 7/8
Each\$0.96 1.00 1.00

Size, in. ¾ 1
Weight each, lbs. 1½ 2½
Each\$1.75 2.60

¾ to ¾ in., six; 1 in., four in a package.

LAWN FAUCETS

COMPRESSION, ANGLE TYPE



No. E-3615—
Rough Bronze,
Nickel Plated

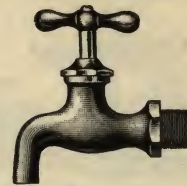
Iron wheel handle.

Size, in. ½ ¾
Weight each, lbs. 1 1½
Each\$0.80 .80

Six in a package.

SINK FAUCETS

COMPRESSION



No. E-3241—Plain; Finished Bronze

All bronze, metal tee handle, male iron pipe thread; with hexagon shoulder.

Size, in. ½ ¾ ¾
Wt. per doz., lbs. 9½ 11 15
Per dozen\$10.00 12.60 16.00

One-half dozen in a box.



No. E-3242—Hose; Finished Bronze

All bronze, metal tee handle, male iron pipe thread; with hexagon shoulder.

Size, in. ½ ¾ ¾
Wt. per doz., lbs. 10 12 16
Per dozen\$12.00 14.40 18.00

One-half dozen in a box.

COMPRESSION

Bronze, nickel plated. Plain spout. Dome cap; with hexagon shoulder. Adjustable threaded sleeve flange.



No. E-3253—Tee Handle

Size, in. ½ ¾ 5/8 x ¾
Weight each, lbs. 1¼ 1½
Each\$1.66 1.96

Six in a package.



No. E-3373—Indexed China Lever Handle
(Hot or Cold)

Size, in. ½ ¾ 5/8 x ¾
Weight each, lbs. 1¾ 1½
Each\$1.96 2.32

Two in a package.

SINK FAUCETS

McDONALD COMBINATION, SWING SPOUT



All Metal, Chromium Plated

High syphon spout. Female or male flanges.

Each

No. E-3409B— $\frac{1}{2}$ in.; weight each 2 $\frac{7}{8}$ lbs.\$5.80
Two in a package.

LAVATORY FAUCETS

McDONALD COMPRESSION

Bronze. With lock-nut, union nut and tailpiece for $\frac{1}{4}$ in. pipes. $2\frac{1}{4}$ in. shank. $3\frac{3}{8}$ in. spout.

Four ball handle with removable China Index.

Each

No. E-3654N—Nickel plated\$1.44
No. E-3654C—Chromium plated.... 1.60
Weight each 1 $\frac{1}{8}$ pounds.
Two in a carton.



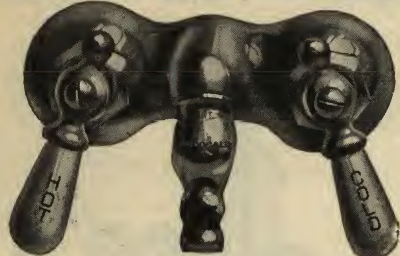
Quarter turn. With Indexed China lever handle.

Each

No. E3656N—Nickel plated\$1.44
No. E3656C—Chromium plated 1.60
Weight each 1 $\frac{1}{8}$ pounds.
Two in a carton.

BATH FAUCETS

McDONALD, QUICK COMPRESSION



Double

Bronze, with shanks and lock-nuts for $\frac{3}{4}$ in. iron pipe. Shanks are $\frac{3}{8}$ in. center to center.

Indexed China lever handles.

Each

No. E-3673N—Nickel plated\$2.50
No. E-3673C—Chromium plated 2.80
Weight each 2 $\frac{3}{4}$ pounds.
One in a carton.

BIBB WASHERS

FLAT

Composition

For hot and cold water.

Size, in. $\frac{1}{4}$ $\frac{3}{8}$
Wt. 100, oz. 5 6
Per dozen\$0.24 .28

Size, in. $\frac{1}{2}$ $\frac{5}{8}$
Weight 100, oz. 8 9
Per dozen\$0.32 .36

100 in a box.

"LUCKY STRIKE" ASSORTMENT

For Hot or Cold Water

Per assortment

Lucky Strike Ass't.—Consists of 36 cellophane front boxes, each containing 10 beveled asbestos compound washers (5 sizes) and brass screws (3 sizes); put up in an attractive counter display carton; weight per assortment 1 $\frac{3}{4}$ lbs.\$4.50
One assortment in a carton.

BEVELED

Allow a full waterway and make a perfect seat without effort.

Overcome rapping or chattering of the faucet.



Composition

For hot or cold water.

Size, in. $\frac{1}{4}$ $\frac{3}{8}$ $\frac{1}{2}$ $\frac{5}{8}$
Weight 100, oz. 5 6 7 8
Per dozen\$0.24 .28 .32 .36

100 in a box.

RUBBER STOPPERS

DAISY



Non-Leakable

For basin, bath, and laundry trays.

Withstands hot water.

White Rubber, Nickel Plated Ring

Nos. 221 222 223 225
Size, in. 1 $1\frac{1}{8}$ $1\frac{1}{4}$ $1\frac{1}{2}$
Wt. dozen, lbs. $\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ 1
Per dozen\$0.80 .90 1.00 1.20

One dozen in a box.

FORCE CUPS

BEST YET



Heavy Low Pattern

For heavy duty and constant service. Heavy side walls and wide flange create a great suction.

Threaded neck.

Red Rubber; Complete with 2 ft. Handle
Diam., in. $4\frac{1}{2}$ $5\frac{1}{2}$ 6
Weight dozen, lbs. $11\frac{3}{4}$ 14 17
Per dozen\$3.70 5.00 10.00

One-half dozen in a box, handles separate.

RANGE BOILERS

STANDARD



For Hydro-static Pressures Up to 85 Pounds

Made of first quality sheets; thoroughly galvanized inside and out.

All openings are tapped straight. Regularly provided with five 1 in. pipe size openings; all boilers have two openings in head, two in shell and one in bottom. Side openings are 6 in. from top and 6 in. from bottom.

Electric Welded

Nos.	30-SW	40-SW
Capacity, gals.	30	40
Size, in.	12x60	14x60
Weight each, lbs.	68	70
Each	\$10.50	15.00

Riveted and Welded

Nos.	30-SR	40-SR
Capacity, gals.	30	40
Size, in.	12x60	14x60
Weight each, lbs.	69	84
Each	\$11.00	15.50

EXTRA HEAVY

For Hydro-Static Pressures Up to 150 Pounds

Made of heavy sheets, thoroughly galvanized inside and out.

Tapped same as standard boilers.

Electric Welded

Nos.	30-HW	40-HW
Capacity, gals.	30	40
Size, in.	12x60	14x60
Weight each, lbs.	88	117
Each	\$13.00	17.00

Riveted and Welded

Nos.	30-HR	40-HR
Capacity, gals.	30	40
Size, in.	12x60	14x60
Weight each, lbs.	91	120
Each	\$13.50	18.00

Write — Phone — or

Telegraph Your Orders.

Our stock is complete and offers a wide choice. Only lines of national reputation are included.

LEAD PIPE



Made from the best virgin refined pig lead and guaranteed to be uniform in wall thickness and absolutely true to size.

Light

Inside diam., in.	1	1 1/4
Wt. per foot, lbs.	2 3/4	3
Feet in coil	52	46
Per pound.....\$	Market	

Strong

Inside diam., in.	1 1/4	
Wt. per foot, lbs.	4 3/4	
Feet in coil	52	
Per pound	\$ Market	

LEAD TRAPS

REGULAR FULL "S"



Standard Weight

With brass clean-out screw.

Size, in.	1 1/4
Inlet, length, in.	4 1/4
Outlet, length, in.	6 1/4
Wt. each, lbs.	2.28
Each	\$1.30

Open stock.

CAST IRON SINK TRAPS

HALF "S"



No. 4056—Bell End Inlet
Painted red. Brass clean-out screw.

Bell shape inlet, fastens to sink with iron sink collar; outlet threaded for iron pipe.

Size, in.	1 1/4	1 1/2
Wt. each, lbs.	3 1/2	4 1/2
Each	\$1.20	1.60

Open stock.

No. 4072—Slip Joint Nut Inlet

Painted red. Brass cleanout screw.

Nickel plated slip joint nut at inlet fits waste tube of sink; outlet threaded for iron pipe.

Size, in.	1 1/4	1 1/2
Fits waste tube, in.	1 1/4	1 1/2
Wt. each, lbs.	3 1/2	4 1/2
Each	\$1.60	2.08

Open stock.

CAST IRON SINK TRAPS

FULL "S"



Painted red. Brass clean-out screw. Length over all about 2 ft.; floor flange giving an adjustment of about 1 in.

No. 4000

No. 4004

No. 4000—Bell End Inlet

Bell shape inlet fastens to sink with iron collar; outlet threaded for iron pipe.

Size, in.	1 1/4	1 1/2
Wt. each, lbs.	9	11
Each	\$2.40	3.20

No. 4004—Slip Joint Nut Inlet

Nickel plated slip joint nut at inlet fits waste tube of sink; outlet threaded for iron pipe.

Size, in.	1 1/4	1 1/2
Wt. each, lbs.	9	11
Each	\$2.80	3.68

BOTTLE TRAPS

DIAMOND, CAST IRON



No. 4140—Female Thread

Cast iron brass clean-out screw.

Threaded for iron pipe.

Size, in.	1 1/4	1 1/2
Wt. each, lbs.	3	4
Each	\$1.60	2.40

SINK PIPE COLLARS



No. E-4895—For Lead Pipe

Cast iron. Flanged to receive lead pipe.

For pipe, in.	1 1/4	1 1/2
Wt. doz., lbs.	6	7 1/2
Per dozen	\$1.92	1.92



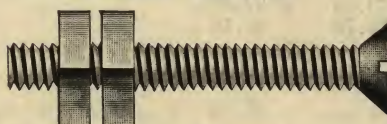
No. E-4896—For Iron Pipe

Cast iron. Lower end is threaded to receive iron pipe.

For pipe, in.	1 1/4	1 1/2
Wt. doz., lbs.	10 1/2	12
Per dozen	\$2.60	2.60

All above, open stock.

SINK BOLTS



Iron, With Two Square Nuts

Size, in.	1/4x2	1/4x2 1/4	1/4x2 1/2
Wt. 100, lbs.	3 1/4	3 1/2	4
Per dozen	\$0.30	.30	.30

100 in a box.

PIPE STRAPS



Galvanized Steel

For pipe, in.	3/8	1/2	3/4	1
Approx. No. to lb.	50	45	30	17
Per pound	\$0.30	.30	.30	.30

Open stock.

CESSPOOLS

BELL TRAP



No. E-4831—Standard, Cast Iron

Bell is attached to strainer making a good water seal. The outlet end fits into the hub of soil pipe or soil pipe fitting.

Size, in.	6x6	9x9	12x12
Fits pipe, in.	2	3	4
Wt. each, lbs.	3 3/4	7 1/2	16
Each	\$0.80	1.50	2.70

Open stock.

PIPE JOINT CEMENT

RUTLAND, PASTE



Insures a perfectly tight connection where threaded pipes are joined. Can be used for steel or brass piping, for pipes carrying hot or cold water,

high or low pressure steam or gas.

Remains soft and pliable. Joints can be disconnected with ease.

Paste Form

Size cans, lbs.	1
Cans in case	24
Wt. case, lbs.	32
Per can	\$0.50

IRON CEMENT

SMOOTH-ON



Quick Hardening

For stopping leaks and repairing breaks in boilers, pipe lines, castings, pressure containers, etc.

Becomes hard as iron and expands at the same rate.

Will withstand fire, water, steam, oil and high pressures.

No. 1—Powder Form

Size cans	7 oz.	1 lb.
Per can	\$0.45	.76

Open stock.

BATH TUBS

IN WHITE, OR ACID RESISTING GREEN, ORCHID AND IVORY PORCELAIN ENAMEL FINISHES

In full keeping with up-to-the minute trends, these Rundle bath tubs represent a lasting investment in bathroom beauty and efficiency. Built right—Styled right—and made in a variety of designs to meet every requirement.

In addition to White, all colonial model tubs, as well as lavatories, are available in pastel shades of green, orchid and ivory, thus making them adaptable to decorative ensembles.

"MOUNT VERNON", CORNER PATTERN



Built-in
For building into walls $\frac{7}{8}$ in., into floor $\frac{1}{2}$ in.
 $3\frac{3}{4}$ in. rim.
Complete with Neo-Art design chromium plated fittings as shown.

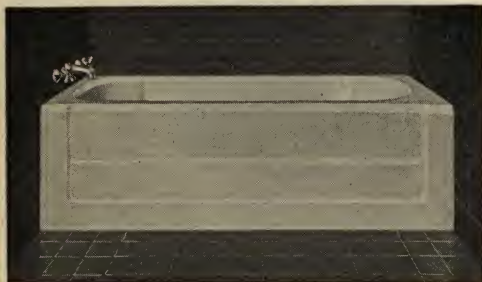
With Fittings			
No. R-210-A—Right Corner			
Size, ft.	5	5 $\frac{1}{2}$	
Width, in.	30 $\frac{3}{4}$	30 $\frac{3}{4}$	
Height, in.	18	18	
Depth inside, in.	16 $\frac{1}{2}$	16 $\frac{1}{2}$	
Shipping weight each, lbs.	517	599	
White	Each \$82.30	90.00	
Colors	Each 97.30	106.90	

Without Fittings			
No. R-215-A—Left Corner			
Size, ft.	5	5 $\frac{1}{2}$	
White	Each \$82.30	90.00	
Colors	Each 97.30	106.90	

Without Fittings			
No. R-200—Right Corner			
Size, ft.	5	5 $\frac{1}{2}$	
White	Each \$59.90	67.60	
Colors	Each 74.90	84.50	

Without Fittings			
No. R-205—Left Corner			
Size, ft.	5	5 $\frac{1}{2}$	
White	Each \$59.90	67.60	
Colors	Each 74.90	84.50	

"YORKTOWN", RECESS PATTERN



Built-in
For building into walls $\frac{7}{8}$ in., into floor $\frac{1}{2}$ in.
 $3\frac{3}{4}$ in. rim.
Complete with Neo-Art design chromium plated fittings as shown.

With Fittings			
No. R-270-A—Right Outlet			
Size, ft.	4 $\frac{1}{2}$	5	5 $\frac{1}{2}$
Width, in.	30 $\frac{3}{4}$	30 $\frac{3}{4}$	30 $\frac{3}{4}$
Height, in.	18	18	18
Depth inside, in.	16 $\frac{1}{2}$	16 $\frac{1}{2}$	16 $\frac{1}{2}$
Shipping weight each, lbs.	447	506	525
White	Each \$69.20	73.20	79.90
Colors	Each 81.70	86.70	95.10

Without Fittings			
No. R-275-A—Left Outlet			
Size, ft.	4 $\frac{1}{2}$	5	5 $\frac{1}{2}$
White	Each \$69.20	73.20	79.90
Colors	Each 81.70	86.70	95.10

Without Fittings			
No. R-240—Right Outlet			
Size, ft.	4 $\frac{1}{2}$	5	5 $\frac{1}{2}$
White	Each \$50.00	54.00	60.70
Colors	Each 62.50	67.50	75.90

Without Fittings			
No. R-245—Left Outlet			
Size, ft.	4 $\frac{1}{2}$	5	5 $\frac{1}{2}$
White	Each \$50.00	54.00	60.70
Colors	Each 62.50	67.50	75.90

NOTE—When Ordering, Always Specify Color and Size Wanted.

"SUPERMONT", ON FEET



Enameled Inside, Painted Outside
Complete with Neo-Art design chromium plated fittings as shown. Connected waste and overflow; $\frac{1}{2}$ in. supply pipes.

A new modernistic, table rim, space saving tub. Instead of the semi-round or U-shaped bottom found on the average tub, the bottom of the "Supermont" is practically flat, eliminating slipping.

No. R-308-A—With Fittings			
Size, ft.	5		
Inside length at top, in.	53		
Width over all, in.	30		
Inside width at top, in.	24		
Height over all, in.	18 $\frac{3}{4}$		
Shipping weight each, lbs.	319		
White	Each \$46.60		
Colors	Each 54.60		

No. R-308—Without Fittings			
Size, ft.	5		
White	Each \$36.70		
Colors	Each 44.70		

"BELMONT", ON BASE



White Enameled Inside, Painted Outside
Complete with chromium plated fittings as shown. Quick compression bath cock with chromium plated all metal handles.

Connected waste and overflow.
3 in. roll rim.

No. R-310A—With Fittings			
Size, ft.	4 $\frac{1}{2}$	5	
Width, in.	30	30	
Height, in.	22	22	
Depth inside, in.	16 $\frac{1}{2}$	16 $\frac{1}{2}$	
Shipping weight each, lbs.	353	385	
White	Each \$46.85	50.75	

No. R-310—Without Fittings			
Size, ft.	4 $\frac{1}{2}$	5	
White	Each \$36.90	40.80	

"ROSEMONT", ON FEET



White Enameled Inside, Painted Outside
Complete with chromium plated fittings as shown. Quick compression bath cock with chromium plated all metal handles.

Connected waste and overflow.
3 in. roll rim.

No. R-315-A—With Fittings			
Size, ft.	4	4 $\frac{1}{2}$	5
Width, in.	29 $\frac{1}{2}$	30 $\frac{3}{4}$	30 $\frac{3}{4}$
Height, in.	22	22	22
Depth inside, in.	16 $\frac{1}{2}$	16 $\frac{1}{2}$	16 $\frac{1}{2}$
Shipping weight each, lbs.	261	292	324
White	Each \$33.15	33.15	37.05

No. R-315—Without Fittings			
Size, ft.	4	4 $\frac{1}{2}$	5
White	Each \$23.20	23.20	27.10

NOTE—When Ordering, Always Specify Color and Size Wanted.

LAVATORIES "WAYNE", WALL



Colonial Design

Enameled in white, or acid resisting green, orchid or ivory. Complete with chromium plated fittings as shown.

All metal round trim. With supplies and trap to wall. Pop-up waste.

Supported on a concealed wall hanger.

No. R-450-A—With Fittings

Size, in.	19x17	22x19
Bowl, in.	13½x9	15½x10½
Back, in.	4½	5½
Shipping weight each, lbs.	81	105
White Each	\$20.85	23.25
Colors Each	23.45	26.45

No. R-445—Without Fittings

Size, in.	19x17	22x19
White Each	\$10.32	12.70
Colors Each	12.90	15.90
Note—For C. P. Fittings to Floor, add.	\$1.20	

"DAYTON", WALL



Square Front, Apron

Enameled in White only. Complete with chromium plated fittings as shown.

All metal round trim. With supplies and trap to wall. Pop-up waste.

Supported on a concealed wall hanger.

No. R-460-A—With Fittings

Size, in.	21x17	24x18
Bowl, in.	14x10	15x11
Back, in.	5	6
Shipping weight each, lbs.	91	110
White Each	\$22.85	23.45

No. R-455—Without Fittings

Size, in.	21x17	24x18
White Each	\$12.30	12.90
Note—For C. P. Fittings to Floor, add.	\$1.20	

"SPENCER", WALL



Round Front, Apron

Enameled white only. Complete with chromium plated fittings as shown.

All metal round trim. With supplies and trap to wall. Chain and rubber stopper.

Supported on a concealed wall hanger.

No. R-505-A—With Fittings

Size, in.	19x17	21x18
Bowl, in.	15½x10½	16½x10½
Back, in.	4½	5
Shipping weight each, lbs.	73	98
White Each	\$16.90	20.50

No. R-505—Without Fittings

Size, in.	19x17	21x18
White Each	\$8.70	12.30
Note—For C. P. Fittings to Floor, add.	\$1.20	

NOTE—When Ordering, Always Specify Color and Size Wanted.

LAVATORIES "CORNERET", WALL



Corner, Apron

Enameled white only. Complete with chromium plated fittings to wall as shown. Chain and rubber stopper. With concealed wall hanger.

No. R-535-A—With Fittings

Size, in.	16x16
Bowl, in.	13½x10½
Back, in.	4½
Ship. weight each, lbs.	60
White Each	\$20.90

No. R-535—Without Fittings

Size, in.	16x16
White Each	\$12.70
Note—For C. P. Fittings to Floor, add.	\$1.20

"LAFAYETTE", PEDESTAL

Colonial Design



Enameled white, green, orchid or ivory. Complete with chromium plated fittings as shown. With Neo-Art 3-in-1 fittings with 4½ in. swing spout, and supplies with shut-off valves and trap to wall.

No. R-400-A—With Fittings

Size, in.	24x20
Bowl, in.	16x11½
Shipping weight each, lbs.	164
White Each	\$42.50
Colors Each	48.70

No. R-400—Without Fittings

Size, in.	24x20
White Each	\$24.70
Colors Each	30.90

Note—For C. P. Fittings to Floor, add.\$1.20

KITCHEN SINKS "AUSTIN", ROLL RIM



White Enameled

For small kitchens. Concealed wall hangers. 8 in. back, 6 in. deep.

No. R-820—Without Fittings

Size, in.	18x18	18x24	18x30
Weight each, lbs.	80	83	105
Each \$10.30	12.55	15.60	
Size, in.	20x24	20x30	20x36
Weight each, lbs.	99	110	126
Each \$14.65	16.40	21.20	
For Fittings as Shown.	Add \$10.50		

KITCHEN SINKS

IN WHITE OR ACID RESISTING GREEN AND IVORY PORCELAIN ENAMEL FINISHES

Porcelain Enameled Sinks—Baked Gloss Finished Cabinets of Sturdy Sheet Steel—Chromium Plated Fittings

Efficient—Beautiful—Make use of space formerly wasted. Cooking utensils and kitchen cleaning equipment at the finger tips—neatly arranged in spacious drawers and cabinets right at the spot where they are most used. Throughout both cabinet and sink is incorporated every modern feature of utility and design. Sink hangs on sturdy wall hangers, insuring strong, rigid installation. Cabinet may be ordered different color than Sink.

"AMSTERDAM" COMBINATION



No. R-773—Without Fittings

Size, in.	22x60
Shipping wt. each, lbs.	423
White	Each \$78.95
Colors	Each 88.70

With Fittings

No. R-773-A—With Bucket Strainer and Fittings to Wall.

Size, in.	22x60
White	Each \$ 91.85
Colors	Each 101.60

No. 773-B—With Bucket Strainer and Fittings to Floor.

Size, in.	22x60
White	Each \$ 93.50
Colors	Each 103.25

No. R-773-C—With Large Plain Strainer and Fittings to Wall.

Size, in.	22x60
White	Each \$ 90.25
Colors	Each 100.00

No. R-773-D—With Large Plain Strainer and Fittings to Floor.

Size, in.	22x60
White	Each \$ 91.90
Colors	Each 101.65

"AUSTIN" COMBINATION



No Drainboard

8 in. back, 6 in. deep.

Has storage compartment, drawer, black hardware and adjustable legs.

No. R-821—Without Fittings

Size, in.	18x24	20x30
Ship. wt. ea., lbs.	128	156
White	Each \$10.30	16.40
Colors	Each 12.90	20.50

With Fittings

No. R-821-A—With Large Plain Strainer and Fittings to Wall.

Size, in.	18x24	20x30
White	Each \$21.60	27.70
Colors	Each 24.20	31.80

No. R-821-B—With Large Plain Strainer and Fittings to Floor.

Size, in.	18x24	20x30
White	Each \$23.25	29.35
Colors	Each 25.85	33.45

NOTE—When Ordering, Always Specify Color and Size Wanted, and if Right or Left Drainboard.

"MILFORD" COMBINATION



Single Drainboard

8 in. back, 8 in. deep.

Cabinet has storage compartment, two spacious drawers (one of which has sliding section), wood service board, black hardware and adjustable legs or base. Specify if legs or base are desired.

Without Fittings

No. R-776—Right Drainboard.	No. R-779—Left Drainboard.
Size, in.	22x42
Shipping wt. each, lbs.	279
White	Each \$65.60
Colors	Each 72.00

With Fittings

No. R-776-A—Right Drainboard	No. R-776-B—Right Drainboard
No. R-779-A—Left Drainboard	No. R-779-B—Left Drainboard
With Bucket Strainer and Fittings to Wall.	With Bucket Strainer and Fittings to Floor.
Size, in.	22x42
White	Each \$80.15
Colors	Each 86.55
No. R-776-C—Right Drainboard	No. R-776-D—Right Drainboard
No. R-779-C—Left Drainboard	No. R-779-D—Left Drainboard
With Large Plain Strainer and Fittings to Wall.	With Large Plain Strainer and Fittings to Floor.
Size, in.	22x42
White	Each \$78.55
Colors	Each 84.95

"TROY" COMBINATION

Same Equipment as the "Milford" Combination above, but does not have the Wood Service Board.

Without Fittings

No. R-792—Right Drainboard	No. R-797—Left Drainboard
Size, in.	20x42
Shipping weight each, lbs.	239
White	Each \$46.10
Colors	Each 51.10

With Fittings

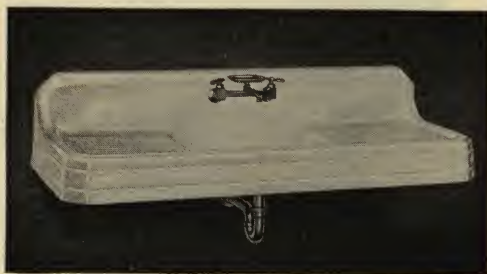
No. R-792-A—Right Drainboard	No. R-792-B—Right Drainboard
No. R-797-A—Left Drainboard	No. R-797-B—Left Drainboard
With Bucket Strainer and Fittings to Wall.	With Bucket Strainer and Fittings to Floor.
Size, in.	20x42
White	Each \$59.00
Colors	Each 64.00
No. R-792-C—Right Drainboard	No. R-792-D—Right Drainboard
No. R-797-C—Left Drainboard	No. R-797-D—Left Drainboard
With Large Plain Strainer and Fittings to Wall.	With Large Plain Strainer and Fittings to Floor.
Size, in.	20x42
White	Each \$57.40
Colors	Each 62.40
No. R-792-E—Right Drainboard	No. R-792-F—Right Drainboard
No. R-797-E—Left Drainboard	No. R-797-F—Left Drainboard
With Bucket Strainer and Fittings to Wall.	With Bucket Strainer and Fittings to Floor.
Size, in.	20x42
White	Each \$59.05
Colors	Each 64.05

KITCHEN SINKS

IN WHITE, OR ACID RESISTING GREEN AND IVORY PORCELAIN ENAMEL FINISH

In full keeping with up-to-the-minute trends, these Rundle sinks represent a lasting investment in kitchen beauty and efficiency. Built right and styled right.

"HANCOCK," APRON



Double Drain-board

8 in. back, 6 in. apron, 6 in. deep.

Complete with Neo-Art design chromium plated fittings as shown. All metal trim; swing spout faucet, soap dish and large plain strainer. Concealed wall hangers.

With trap to wall.

No. R-722-A—With Fittings

Size, in.	22x60	22x74
Length sink, in.	22	26
Length drainboards, in.	19	24
Shipping wt. each, lbs.	333	378
White	Each \$59.20	69.45
Colors	Each 71.20	83.95

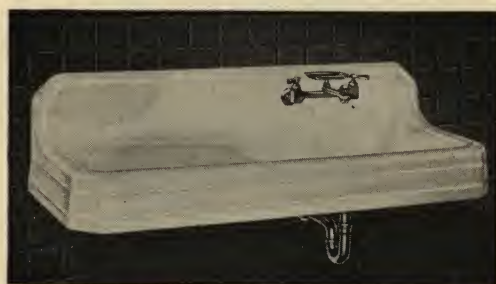
No. R-722—Without Fittings

Size, in.	22x60	22x74
White	Each \$47.90	58.15
Colors	Each 59.90	72.65

For Fittings to floor, add\$1.65

For New-Way Bucket-Type Strainer, add..... 3.00

"WHITMAN," APRON



Single Drain-board

8 in. back, 6 in. apron, 6 in. deep.

Complete with Neo-Art design chromium plated fittings as shown. All metal trim; swing spout faucet, soap dish and large plain strainer. Concealed wall hangers.

With trap to wall.

With Fittings

No. R-732-A—Right drainboard.

Size, in.	20x42	20x52
Length sink, in.	22	28
Length drainboard, in.	20	24
Shipping wt. each, lbs.	193	262
White	Each \$34.90	50.40
Colors	Each 40.80	60.20

No. R-737-A—Left drainboard.

Size, in.	20x42	20x52
White	Each \$34.90	50.40
Colors	Each 40.80	60.20

Without Fittings

No. R-732—Right drainboard.

Size, in.	20x42	20x52
White	Each \$23.60	39.10
Colors	Each 29.50	48.90

No. R-737—Left drainboard.

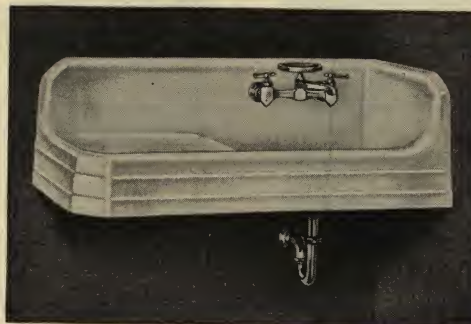
Size, in.	20x42	20x52
White	Each \$23.60	39.10
Colors	Each 29.50	48.90

For Fittings to floor, add\$1.65

For New-Way Bucket-Type Strainer, add..... 3.00

NOTE—When Ordering, Always Specify Color and Size Wanted.

"CORNWALL," APRON, CORNER



Single Drain-board

8 in. back, 6 in. apron, 6 in. deep.

Complete with Neo-Art design chromium plated fittings as shown. All metal trim; swing spout faucet, soap dish and large plain strainer. Concealed wall hangers.

With trap to wall.

With Fittings

No. R-757-A—Right corner, left drainboard.

Size, in.	20x42	20x52
Length sink, in.	22	28
Length drainboard, in.	20	24
Shipping wt. each, lbs.	208	238
White	Each \$44.30	55.10
Colors	Each 52.20	65.75

No. R-752-A—Left corner, right drainboard.

Size, in.	20x42	20x52
White	Each \$44.30	55.10
Colors	Each 52.20	65.75

Without Fittings

No. R-757—Right corner, left drainboard.

Size, in.	20x42	20x52
White	Each \$31.60	42.40
Colors	Each 39.50	53.05

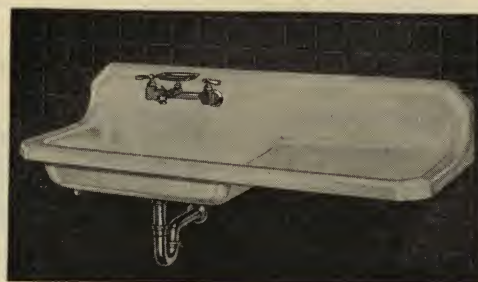
No. R-752—Left corner, right drainboard.

Size, in.	20x42	20x52
White	Each \$31.60	42.40
Colors	Each 39.50	53.05

For Fittings to floor, add\$1.65

For New-Way Bucket-Type Strainer, add..... 3.00

"TROY," ROLL RIM



Single Drain-board

8 in. back, 6 in. deep; roll rim.

Complete with Neo-Art design chromium plated fittings as shown. All metal trim; swing spout faucet, soap dish and large plain strainer. Concealed wall hangers.

With trap to wall

With Fittings

No. R-782-A—Right drainboard.

Size, in.	20x42	20x52
Length sink, in.	23	28
Length drainboard, in.	19	24
Shipping wt. each, lbs.	162	203
White	Each \$31.30	39.30
Colors	Each 36.35	46.35

No. R-787-A—Left drainboard.

Size, in.	20x42	20x52
White	Each \$31.30	39.30
Colors	Each 36.35	46.35

Without Fittings

No. R-782—Right drainboard.

Size, in.	20x42	20x52
White	Each \$20.00	28.00
Colors	Each 25.05	35.05

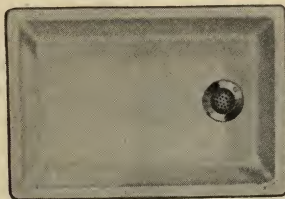
No. R-787—Left drainboard.

Size, in.	20x42	20x52
White	Each \$20.00	28.00
Colors	Each 25.05	35.05

For Fittings to floor, add\$1.65

KITCHEN SINKS

"CLIFTON," FLAT RIM



No. R-850

White Enameled

End outlet; 6 in. deep.

No. R-855—Without Strainer

Size, in.	14x20	16x24	18x24
Wt. each, lbs.	30	42	43
Each	\$6.00	6.10	7.60

Size, in.	20x24	18x30	20x30
Wt. each, lbs.	48	57	62
Each	\$7.75	6.65	7.90

Size, in.	18x36	20x36	20x40
Wt. each, lbs.	66	74	82
Each	\$11.35	12.70	14.80

For Chromium Plated Duplex Strainer, add\$0.95

Note—For R-850 "Clifton" sink with old style flat strainer, add to price of No. R-855 sink only..\$0.80

FITTINGS

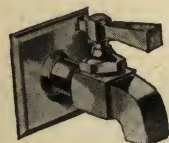
SINK FAUCETS

Neo-Art Design

All metal, swing spout, plain end. Renewable seat. Female flanges. With soap dish.

Each

No. R-5614—Chromium plated; wt. each 5½ pounds\$8.20



Adjustable Flange

Male thread; ½ in. iron pipe shank. Indexed end handle.

Each

No. R-5644-B—Chromium plated; wt. each 1 pound\$2.35

TUB AND SHOWER COMBINATIONS

Neo-Art Design

All metal, with renewable seats and union connections.

Combinations consists of tub and shower fittings, shower head and arm, over rim spout and 1½ in. trip lever waste.

Per set

No. R-2258—Chromium plated; wt. per set 30 lbs.\$26.40

All above, open stock.

FITTINGS

TUB FILLER COMBINATIONS



In Tub Filler

All metal, with renewable seats and union connections.

For end wall installation. Combination consists of fittings as shown.

Chromium Plated

No. R-3132—Neo-Art design (as shown)\$20.45

No. R-3140—Round design 17.65

Weight per set 20 pounds.



Over Rim Filler

All metal, with union connections and by-pass.

For end wall installations. Combination consists of over rim spout, tub filler valve

and trip lever waste. 8 in. center to center.

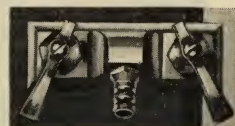
Chromium Plated

No. R-3080—Neo-Art design (as shown)\$18.20

No. R-3092—Round design 15.00

Weight per set 6¼ pounds.

DOUBLE BATHTHCOCKS



Neo-Art Design

Quick compression type. Without tails.

Each

No. R-3240—Chromium plated\$3.45

For ½ in. Iron Pipe Tails, add.... .40

Weight each 2½ pounds.

LAVATORY FAUCETS



Neo-Art Design

All metal, highly finished. A quarter turn gives full opening.

Renewable seat.

Chromium Plated

No. R-5000—With lever handle.....\$2.10

No. R-5002—With cross handle.... 2.20

Weight each 1½ pounds.

All above, open stock.

FITTINGS

LAVATORY POP-UP DRAINS



All Metal, Round Design

With 1¼x4¼ in. tailpiece. Rough tee. Will fit enameled iron or china lavatory.

Each

No. R-5304 — Chromium plated; wt. each 2½ lbs.\$3.30

CONNECTED WASTE AND OVERFLOW



For Leg or Base Tub

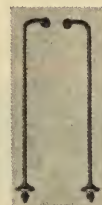
All metal, with chain and rubber stopper.

No. 20 gauge tubing, 1½ in. outlet. 1½ in. overflow.

Each

No. R-3292 — Chromium plated; wt. each 5 lbs.\$3.35

BATH SUPPLY PIPES



Annealed Tubing

Bent offset with slip-joint connection for ½ in. iron pipe.

Per pair

No. R-3252 — Chromium plated; wt. per pair 5 lbs.\$3.15

LAVATORY SUPPLY PIPES



"Easyway"

With slip-joint connection, ¾ in. iron pipe shank.

Per pair

No. R-5368—Chromium plated; wt. per pair 4 lbs.\$1.65

LAVATORY TRAPS



"P" Trap, 1¼ in. Plain

Complete with gas-kets, chain, plug, tailpiece and couplings.

Each

No. R-5454—C. P.; wt. each 6 lbs..\$3.25

For "S" Trap to Floor, add95

SINK TRAPS



"P" Trap, 1½ in. Plain

Complete with gas-kets, Duplex strainer, tailpiece and couplings.

Each

No. R-5526—C. P.; wt. each 6 lbs..\$3.70

All above, open stock.

CLOSET COMBINATIONS
"REVERE"



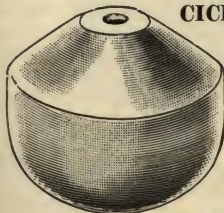
- Vitreous China Tank and Bowl**
Enameled white, or acid resisting green, orchid or ivory. Guaranteed seat and lid. Complete with chromium plated trim and supply to floor. 20 $\frac{3}{4}$ x7 $\frac{7}{8}$ x16 $\frac{3}{4}$ in. tank. Each
- No. R-616-B**—Reverse trap bowl; shipping wt. each 133 lbs.
White\$34.65
Colors 49.45
- No. R-618-B**—Syphon jet bowl; ship. wt. each 148 lbs.
White\$40.96
Colors 58.80

"CONCORD"



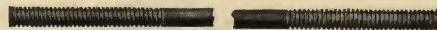
- Vitreous China Tank and Bowl**
Enameled white only. Mahogany stained seat and lid.
Complete with chromium plated trim and supply to floor. 20 $\frac{3}{4}$ x7 $\frac{7}{8}$ x16 $\frac{3}{4}$ in. tank. Each
- No. R-620-B**—Syphon action bowl; shipping wt. each 130 lbs....\$28.00
- No. R-622-B**—Reverse trap bowl; shipping wt. each 133 lbs.... 31.60

CLOSET TANK BALLS
CICERO



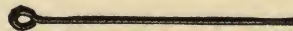
- Made in one-piece without seams. Oversize and sturdy. Designed to give satisfactory service.
- White Rubber; Cone Shape**
- | | | |
|-------------------------|-----------------|-----------------|
| Size, in. | 2 $\frac{1}{2}$ | 2 $\frac{3}{4}$ |
| Wt. per dozen, lbs..... | 1 $\frac{1}{2}$ | 2 |
| Per dozen | \$3.00 | 3.50 |
- One in a cellophane wrapper, one dozen in a carton.

CLOSET FITTINGS
FLOAT RODS

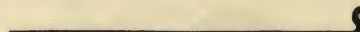


- Brass**
Threaded No. 14-20 threads for 1 $\frac{1}{2}$ in. each end.
- Each
No. 1190—10 in. long; wt. each 1 $\frac{1}{2}$ ozs.\$0.10
- Open stock.

VALVE LIFT WIRES

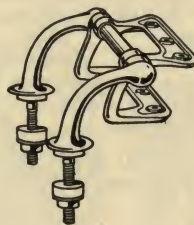


- Lower**
- Each
No. 2900—4 $\frac{3}{4}$ in. long; with standard thread to fit all tank balls; wt. per 100, 2 lbs.....\$0.05



- Upper**
- Each
No. 2910—9 in. long; wt. per 100, 3 lbs.\$0.05
- Open stock.

CLOSET SEAT HINGES



- Cast Brass, Nickel Plated**
Complete with nuts, washers and screws.
- Each
No. 110—For 1 $\frac{1}{4}$ in. seat; wt. each about 2 lbs.\$1.70
- One in a package.

TACK BUMPERS



- White Rubber Head**
- Per gross
No. B-253A— $\frac{5}{8}$ in. diam.; wt. per gross 14 ozs.\$1.40
- One gross in a box.

BAR SEAT BUMPERS



- White Rubber**
Complete with screws.
- Per 100
No. B-31A—2 $\frac{1}{4}$ in. long; $\frac{7}{8}$ in. high; wt. per 100, 2 $\frac{3}{4}$ lbs.\$5.00
- 100 in a box.

CLOSET SEATS
ATLAS



- Closed Front, for Regular Bowls**
Made from full inch well seasoned stock; $\frac{1}{2}$ in. nickel plated brass bar offset hinge, with cover.
- Each
No. 100-W—Plain sprayed white finish\$1.75
No. 100-M—Mahogany finish 1.40
No. 100-G.O.—Golden oak finish ... 1.40
- Weight each about 7 pounds.
One in a carton.

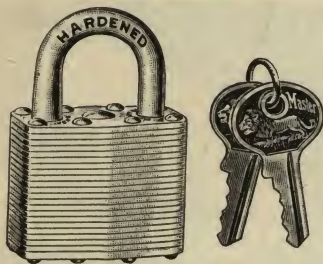


- Closed Front, for Regular Bowls**
Made from full 1 $\frac{1}{4}$ in. well seasoned stock, hickory dowelled, new No. 30 chrome plated concealed hinge, permitting seat and cover to be lifted without riding front of tank, and leaving when lifted, a 2 in. clearance; with cover.
- Each
No. 130—White celluloid sheet covered; wt. each about 8 $\frac{1}{2}$ lbs....\$4.00
- One in a carton.



- Open Front, for Regular bowls**
Made from full 1 $\frac{1}{4}$ in. well seasoned stock, hickory dowelled; concealed hinge; without cover.
- Each
No. 13—Golden oak finish; wt. each about 5 lbs.\$2.00
- One in a carton.

PADLOCKS MASTER



"Secret Service;" Laminated Steel Case
Cadmium plated steel case, cadmium plated hardened steel tapered shackle, solid brass locking lever, steel pilfering protector, solid brass cylinder and operating cam, nickel silver pin tumblers, 2 nickel silver keys, changes unlimited.

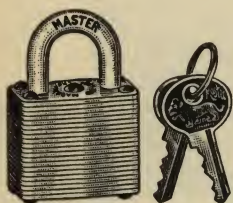
Per dozen

No. 1—1 $\frac{3}{4}$ in. case, $\frac{3}{8}$ in. diameter shackle, $\frac{3}{4}$ in. shackle clearance; weight per dozen 9 lbs..\$16.00

No. 1-KA—Keyed alike; otherwise same as No. 1..... 16.00

No. 5—2 in. case, $\frac{3}{8}$ in. diameter shackle, 1 in. shackle clearance; weight per dozen 13 lbs.. 20.00

One in a box, one-half dozen in a display carton.



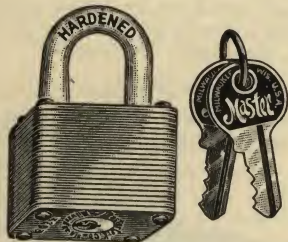
"Secret Service;" Laminated Steel Case

Cadmium plated steel case, cadmium plated high carbon steel shackle, solid brass locking lever, steel pilfering protector, solid brass cylinder, nickel silver pin tumblers, 2 nickel silver keys, 750 changes.

Per dozen

No. 7—1 $\frac{1}{8}$ in. case, $\frac{1}{8}$ in. diameter shackle, $\frac{1}{2}$ in. shackle clearance; weight per dozen 4 lbs..\$8.00

One in a box, one-half dozen in a display carton.



"Little Giant", Laminated Steel Case

Cadmium plated steel case, cadmium plated hardened steel shackle, solid brass locking lever, steel pilfering protector, solid brass cylinder, nickel silver pin tumblers, 2 nickel silver keys, changes unlimited.

Per dozen

No. 3—1 $\frac{1}{2}$ in. case, $\frac{3}{8}$ in. diameter shackle, $\frac{1}{2}$ in. shackle clearance; weight per dozen 6 lbs..\$12.00

One in a box, one-half dozen in a display carton.

PADLOCKS MASTER



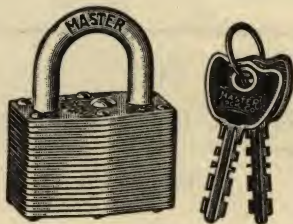
"Junior;" Laminated Steel Case

Cadmium plated smooth finished steel case, cadmium plated hardened steel shackle, double spring security, 2 embossed corrugated steel keys, 30 changes.

Per dozen

No. 1400—1 $\frac{3}{4}$ in. case, $\frac{3}{8}$ in. diameter shackle, $\frac{3}{4}$ in. shackle clearance; weight per dozen 6 lbs.\$8.00

One in a box; one-half dozen in a display carton.



"Junior," Laminated Steel Case

Cadmium plated steel case, cadmium plated hardened steel shackle, double spring security, 2 embossed corrugated steel keys, 30 changes.

Per dozen

No. 500—1 $\frac{3}{4}$ in. case, $\frac{3}{8}$ in. diameter shackle, $\frac{3}{4}$ in. shackle clearance; weight per dozen 7 lbs.\$8.00

One in a box; one-half dozen in a display carton.



"Jungle King;" Wedge Riveted Embossed Steel Case

Cadmium plated steel case, cadmium plated steel, swivel shackle, heavy brass locking lever, steel pilfering protector, brass cylinder, 4 pin tumblers, 2 nickel silver keys, 750 changes.

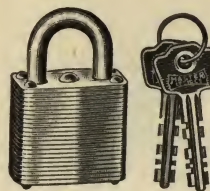
Per dozen

No. 77—1 $\frac{3}{4}$ in. case, $\frac{1}{4}$ in. diameter shackle, $\frac{3}{4}$ in. shackle clearance; weight per dozen 5 lbs..\$8.00

No. 77-KA—Keyed Alike; otherwise same as No. 77 8.00

One in a box, one-half dozen in a display carton.

PADLOCKS MASTER



"Jewel;" Laminated Steel Case

Cadmium plated steel case, cadmium plated high carbon steel shackle, strong brass lever security, 2 embossed corrugated steel keys, 105 changes.

Per dozen

No. 105—1 $\frac{1}{8}$ in. case, $\frac{1}{8}$ in. diameter shackle, $\frac{1}{2}$ in. shackle clearance; weight per dozen 4 lbs..\$5.60
One in a box, one-half dozen in a display carton.



"Strong Boy;" Laminated Steel Case

Cadmium plated steel case, cadmium plated high carbon steel shackle, strong spring security, 2 corrugated steel keys, 20 changes.

Per dozen

No. 22—1 $\frac{1}{2}$ in. case, $\frac{1}{4}$ in. diameter shackle, $\frac{3}{4}$ in. shackle clearance; weight per dozen 5 lbs.\$4.00

One in a box, one dozen in a display carton.

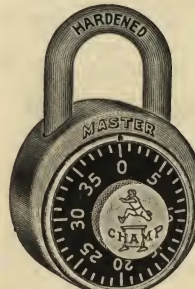


"Greyhound;" Embossed Steel Case

Cadmium plated steel case, cadmium plated steel spring tension swivel shackle, 2 nickel plated flat steel keys.

Nos.	44	55	99
Case, in.	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{1}{8}$
Diam. shackle, in.	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{4}$
Shackle clearance, in.	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$
Changes	8	12	12
Wt. doz., lbs.	1 $\frac{1}{8}$	2	4
Per dozen	\$1.60	2.40	4.00

One in a box, one dozen in a display carton.



Combination

Nickel silver outer case, cadmium plated steel inner case, nickel plated hardened steel shackle, double acting brass locking lever, brass dial finished in black with white graduations, 100,000 combinations.

Solid embossed brass knob with knurled edge.

Per dozen

No. 100—1 $\frac{1}{8}$ in. case, $\frac{3}{8}$ in. diameter shackle, $\frac{1}{8}$ in. shackle clearance; weight per dozen 6 lbs.\$14.40
One in a box, one-half dozen in a display carton.

PADLOCKS

YALE



Extruded Brass Case

Wheel finished brass case, cadmium plated hardened steel shackle, 5 pin tumblers, 2 nickel bronze keys, 1800 changes.

Per dozen
No. 773—1½ in. case, ¾ in. diameter shackle, 1½ in. shackle clearance; wt. per doz. 5 lbs...\$20.00
One-half dozen in a box.



Stainless Steel Case

Cadmium plated hardened steel shackle, 5 pin tumblers, 2 nickel bronze keys, 1800 changes.

Per dozen
No. 758—1½ in. case, ¾ in. diameter shackle, 1½ in. shackle clearance; wt. per doz. 5 lbs...\$24.00
One-half dozen in a box.



Die-Cast Case

Green lacquered case, cadmium plated steel shackle, 5 disc-tumblers, 2 brass keys, 200 changes.

Per dozen
No. 603—1½ in. case, ¾ in. diameter shackle, 1½ in. shackle clearance; wt. per doz. 4½ lbs...\$5.35
One-half dozen in a box.



Die-Cast Case

Green lacquered case, cadmium plated steel shackle, 5 disc-tumblers, 2 brass keys, 200 changes.

Per dozen
No. 604—1¾ in. case, ¾ in. diameter shackle, ¾ in. shackle clearance; weight per dozen 6 lbs...\$8.00
One-half dozen in a box.

PADLOCKS

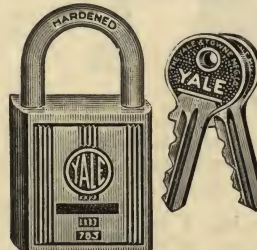
YALE



Extruded Brass Case

Wheel finished brass case, cadmium plated hardened steel shackle, 5 pin tumblers, 2 nickel bronze keys, changes unlimited.

Per dozen
No. 775—1½ in. case, ¾ in. diameter shackle, 1 in. shackle clearance; wt. per doz. 9 lbs...\$26.70
One-half dozen in a box.



Die-Cast Case

Chromium plated case, cadmium plated hardened steel shackle, 5 pin tumblers, 2 nickel bronze keys, 1800 changes.

Per dozen
No. 783—1½ in. case, ¾ in. diameter shackle, 1½ in. shackle clearance; wt. per doz. 4½ lbs...\$16.00
One-half dozen in a box.



Die-Cast Case

Gray finish case, cadmium plated hardened steel shackle, 4 pin tumblers, 2 nickel bronze keys, 400 changes.

Per dozen
No. 627—1½ in. case, ¾ in. diameter shackle, 1½ in. shackle clearance; weight per dozen 4¾ lbs.\$12.00
One-half dozen in a box.



Die-Cast Case

Chromium plated case, cadmium plated hardened steel shackle, 5 disc-tumblers, 2 nickel bronze keys, 200 changes.

Per dozen
No. 713—1½ in. case, ¾ in. diameter shackle, 1½ in. shackle clearance; weight per dozen 4½ lbs.\$12.00

No. 713-KA—Keyed alike; otherwise same as No. 713 12.00
One-half dozen in a box.

PADLOCKS

YALE



Die-Cast Case

Mahogany lacquered case, cadmium plated steel shackle, secure warded, 2 steel keys, 18 changes.

Per dozen
No. 240—1½ in. case, ¾ in. diameter shackle, 1½ in. shackle clearance; weight per dozen 4 lbs.\$4.00

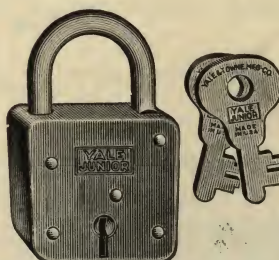
No. 240-KA—Keyed alike; otherwise same as No. 240 4.00
One-half dozen in a box.



Wrought Steel Case

Cadmium plated steel case, cadmium plated malleable iron shackle, warded, 2 flat steel keys, 3 changes.

Per dozen
No. 1805—1½ in. case, ¾ in. diameter shackle, 1½ in. shackle clearance; weight per dozen 1½ lbs.\$1.60
One dozen in a box.



Wrought Steel Case

Cadmium plated steel case, cadmium plated malleable iron shackle, ward and lever, 2 flat steel keys, 6 changes.

Per dozen
No. 15—1½ in. case, ¾ in. diameter shackle, 1½ in. shackle clearance; weight per dozen 2½ lbs.\$2.40
One dozen in a box.



"Combination;" Die-Cast Case

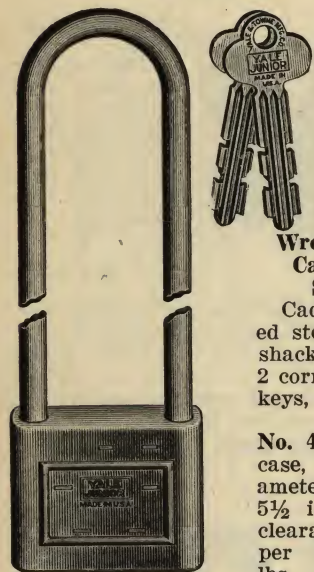
Buffed finish nickel bronze scalp, black die-cast knob and dial with white numerals, cadmium plated steel shackle, 3 tumblers, 20,000 combinations.

Operated by sight only.

Per dozen
No. 579—1½ in. case, ¾ in. diameter shackle, 1 in. shackle clearance; wt. per doz. 6 lbs...\$16.00
One-half dozen in a box.

PADLOCKS

YALE



Wrought Steel Case, High Shackle

Cadmium plated steel case and shackle, warded 2 corrugated steel keys, 6 changes.

Per dozen
No. 4115—2 in. case, $\frac{1}{8}$ in. diameter shackle, $5\frac{1}{2}$ in. shackle clearance; wt. per dozen 5 lbs.\$5.60

One-half dozen in a box.

PADLOCK CHAINS



With Clevis; for Round Shackle Padlocks Length 8 in.

Per dozen
No. 41A—Brass; for $\frac{1}{8}$ to $\frac{1}{4}$ in. diameter shackles; weight per dozen $\frac{5}{8}$ lb.\$3.20

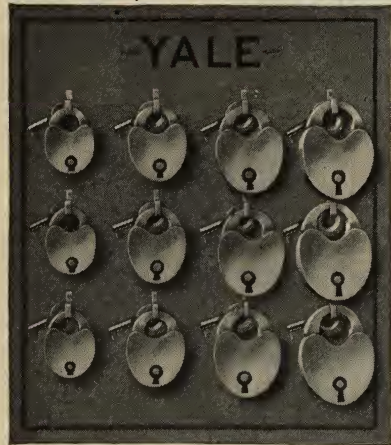
No. 41S—Steel; for $\frac{1}{8}$ to $\frac{1}{4}$ in. diameter shackles weight per dozen $\frac{5}{8}$ lb. 2.00

No. 23A—Brass; for $\frac{1}{2}$ to $\frac{3}{8}$ in. diameter shackles; weight per dozen $\frac{7}{8}$ lb. 3.20

One dozen in a box.

DOG COLLAR PADLOCKS

ASSORTED, ON DISPLAY CARD



Cast Brass, Polished

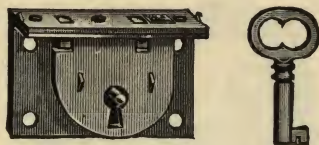
Self-locking spring shackle; one key to each lock.

Per assortment
No. 276A—6 each $\frac{3}{4}$ and $\frac{7}{8}$ in. padlocks mounted on a $4\frac{7}{8} \times 5\frac{5}{8}$ in. display card; weight per assortment $\frac{1}{2}$ lb.\$4.00

One assortment in a box.

CHEST LOCKS

YALE



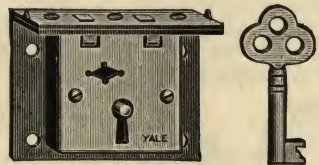
Steel

Steel double link, 1 ward, 1 barrel key.

Per dozen
No. S2— $1\frac{1}{4} \times 2$ in., $\frac{3}{4}$ in. from selvedge to center of key pin; wt. per dozen $1\frac{1}{8}$ lbs.\$6.70

No. S4— $1\frac{1}{2} \times 2\frac{1}{2}$ in., $\frac{7}{8}$ in. from selvedge to center of key pin; 6 changes; weight per dozen $1\frac{3}{4}$ lbs. 7.55

One-half dozen in a box.

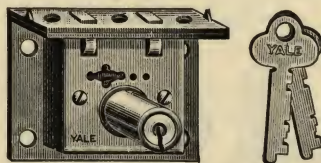


Steel

Steel double link, solid screwed box, 2 lever tumblers, 1 barrel key, 12 changes.

Per dozen
No. S114— $1\frac{3}{4} \times 2\frac{1}{2}$ in., 1 in. from selvedge to center of key pin; weight per dozen $2\frac{1}{4}$ lbs.\$12.60

One-half dozen in a box.



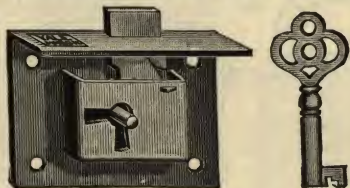
Brass

Double link, screwed box, 3 lever tumblers, 2 flat steel keys, 12 changes.

Per dozen
No. SA162— $1\frac{1}{2} \times 2$ in., $\frac{7}{8}$ in. from selvedge to center of nose, for $\frac{3}{4}$ in. wood; weight per dozen 2 lbs.\$18.65

One-half dozen in a box.

DRAWER LOCKS



Steel

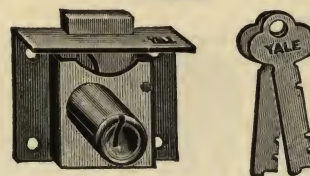
Double keyhole suitable for drawer or cupboard use, all keys alike, 1 barrel key.

Per dozen
No. R465— $1\frac{3}{4} \times 2\frac{1}{4}$ in., $\frac{3}{4}$ in. from selvedge to center of key pin; wt. per dozen $1\frac{1}{2}$ lbs.\$2.55

One dozen in a box.

DRAWER LOCKS

YALE

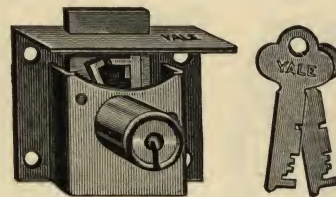


Steel

Concave center, 2 lever tumblers, 2 flat steel keys, 12 changes.

Per dozen
No. R295C— $1\frac{1}{2} \times 1\frac{3}{4}$ in., $\frac{3}{4}$ in. from selvedge to center of nose, for $\frac{7}{8}$ in. wood; weight per dozen $1\frac{1}{2}$ lbs.\$8.35

One-half dozen in a box.

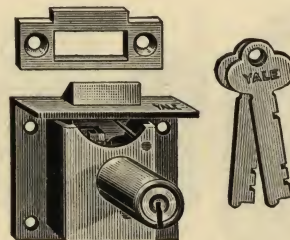


Brass

Heavy brass bolt, two lever tumblers, 2 flat steel keys, 12 changes.

Per dozen
No. RA300— $1\frac{5}{8} \times 2$ in. $\frac{7}{8}$ in. from selvedge to center of nose, for $\frac{7}{8}$ in. wood; wt. per doz. 2 lbs.\$13.30

One-half dozen in a box.

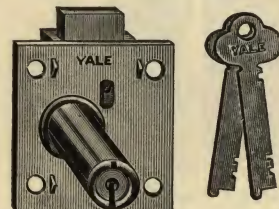


Steel

Heavy cast bronze spring bolt, 2 lever tumblers, 2 flat steel keys, 12 changes.

Per dozen
No. R290— $1\frac{1}{2} \times 1\frac{3}{4}$ in., $\frac{3}{4}$ in. from selvedge to center of nose, for $\frac{7}{8}$ in. wood; weight per dozen $1\frac{5}{8}$ lbs.\$12.40

One-half dozen in a box, with strikes.



Brass

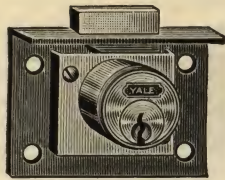
2 lever tumblers, 2 flat steel keys, 12 changes.

Per dozen
No. RA359— $1\frac{7}{8} \times 1\frac{5}{8}$ in., $\frac{7}{8}$ in. from selvedge to center of nose, for $\frac{7}{8}$ in. wood; weight per dozen 2 lbs.\$10.00

One-half dozen in a box.

DRAWER LOCKS

YALE



Brass

Broad heavy bolt, brass cylinder, pin tumblers, 2 nickel bronze keys, changes unlimited.

No. 5551 $\frac{1}{4}$ —1 $\frac{1}{2}$ x2 in., $\frac{1}{8}$ in. from seldge to center of cylinder, $\frac{7}{8}$ in. diam. cylinder, for $\frac{7}{8}$ in. wood; wt. per doz. 3 lbs.\$32.00
One in a box.

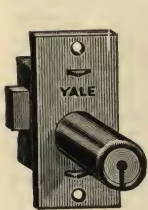
Brass, with Spring Bolt

Broad heavy bolt, brass cylinder, pin tumblers, 2 nickel bronze keys, changes unlimited, brass strike.

No. 5551S—1 $\frac{1}{2}$ x2 in., $\frac{1}{4}$ in. from seldge to center of cylinder, $\frac{7}{8}$ in. diam. cylinder, for $\frac{7}{8}$ in. wood; wt. per doz. 3 lbs.\$32.00
One in a box.

WARDROBE LOCKS

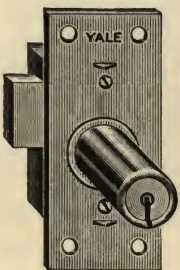
YALE



Steel

Solid square box, brass bolt shoots right and left, 2 lever tumblers, 2 flat steel keys, 12 changes.

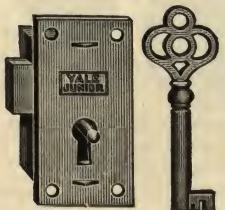
No. W100—1 $\frac{7}{8}$ x $\frac{7}{8}$ in., $\frac{7}{8}$ in. from edge to center of nose, for $\frac{7}{8}$ in. wood; wt. per doz. 1 $\frac{1}{4}$ lbs.\$13.80
One-half dozen in a box.



Steel

Solid square screwed box, brass bolt shoots right and left, 2 lever tumblers, 2 flat steel keys, 12 changes.

No. W102—2 $\frac{3}{4}$ x1 $\frac{1}{4}$ in., $\frac{5}{8}$ in. from edge to center of nose, for $\frac{7}{8}$, 1 and 1 $\frac{1}{8}$ in. wood; wt. per doz. 2 $\frac{1}{2}$ lbs.\$18.95
One-half dozen in a box.



Steel

Solid square box, steel bolt shoots right and left, one tumbler, all keys alike, one barrel key.

No. W2 $\frac{1}{4}$ —2x1 in., $\frac{1}{2}$ in. from edge to center of key pin; wt. per doz. 1 $\frac{1}{4}$ lbs.\$1.90
No. W3 $\frac{1}{4}$ —2 $\frac{1}{2}$ x1 $\frac{1}{4}$ in., $\frac{5}{8}$ in. from edge to center of key pin; wt. per doz. 1 $\frac{1}{2}$ lbs. 2.35
One-half dozen in a box.

MORTISE KNOB LATCHES

Cast Bronze Front and Bolt

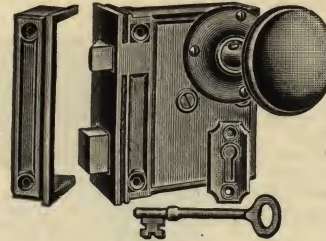


Case—1 $\frac{3}{4}$ x3 $\frac{1}{4}$ x $\frac{1}{8}$ in., japanned iron.
Backset—2 $\frac{1}{2}$ in.
Front—3 $\frac{5}{8}$ x1 in.
Bolt—Easy spring, reversible.

No. OB4634—Dull brass; wt. each $\frac{7}{8}$ lb.\$1.30
Six in a box, with screws.

RIM KNOB LOCK SETS

Upright, With Stop



Lock—No. 2213, 4x3 $\frac{1}{4}$ x1 $\frac{1}{8}$ in. japanned iron case, 2 $\frac{3}{8}$ in. backset, iron bolts, reversible; 1 nickel plated iron key.

Knobs—Two No. 1372, 2 in., wrought steel, one rose; $\frac{1}{8}$ in. straight spindle.

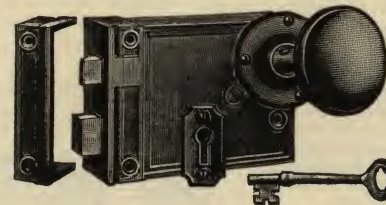
Key Plate—One, 1 $\frac{5}{8}$ x $\frac{7}{8}$ in., cast iron.

No. 2213x1372—Japanned; wt. per doz. sets 24 lbs.\$8.50
One set in a box, with screws.

LOCK ONLY

No. 2213—As described above; wt. per doz. 13 lbs.\$5.85
One-half dozen in a box, with screws.

Horizontal, With Stop



Lock—No. 3213, 3 $\frac{1}{4}$ x4 $\frac{1}{4}$ x1 $\frac{1}{8}$ in. japanned iron case, backset to key hole 2 in., backset to hub 3 $\frac{3}{8}$ in., iron bolts, reversible; 1 nickel plated iron key.

Knobs—Two No. 1372, 2 in., wrought steel, one rose; $\frac{1}{8}$ in. straight spindle.

Key Plate—One, 1 $\frac{5}{8}$ x $\frac{7}{8}$ in., cast iron.

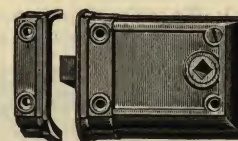
No. 3213x1372—Japanned; wt. per doz. sets 24 lbs.\$8.50
One set in a box, with screws.

LOCK ONLY

No. 3213—As described above; wt. per doz. 13 lbs.\$5.85
One-half dozen in a box, with screws.

RIM KNOB LATCHES

Cast Iron Case, Japanned



Case—2 $\frac{3}{4}$ x3 $\frac{1}{2}$ x $\frac{5}{8}$ in.
Backset—2 $\frac{3}{4}$ in.
Bolt—Iron, reversible. Each
No. 4020—With regular bevel strike\$0.48
No. 4020RB—With reverse bevel strike48

Weight per dozen 8 pounds.
One-half dozen in a box, with screws.

MORTISE DEAD LOCKS

Cast Bronze Front and Bolt



Case—2 $\frac{3}{8}$ x3 $\frac{3}{8}$ x1 $\frac{1}{8}$ in., japanned iron.
Backset—2 $\frac{7}{8}$ in.
Front—4 $\frac{1}{4}$ x1 $\frac{1}{8}$ in.
Cylinder—Bronze.
Keys—3 nickel silver, changes unlimited.
For Doors—Right or left hand.

With One Cylinder and Turn Knob—Operated by key from outside and knob inside.

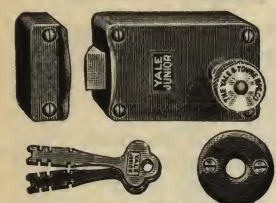
No. OB4861—Dull brass; wt. each 1 $\frac{3}{4}$ lbs.\$6.65

With Two Cylinders—Operated by key from either side.

No. OB4865—Dull brass; wt. each 2 lbs.\$8.00
One in a box, with screws.

RIM SPRING LATCHES

YALE



With Rim and Flat Strikes
Case—Iron; 2x 3¼ x 7⁄8 in.
Backset—2½".
Tube—Brass.
Bolt—Iron, brass plated.
Turn Knob—Steel brass plated.

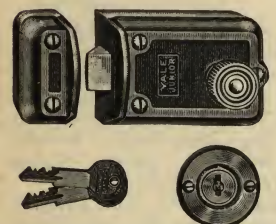
Keys—Two, flat steel, 12 changes.

Key Plate—Steel, brass plated.

For Doors—Up to 1¾ in. thick, right or left hand.

Operated—By key from outside and knob inside. Bolt may be held back by turning knob to the left.

Per dozen
No. 26—Japanned finish; weight per dozen 10½ lbs. \$12.00



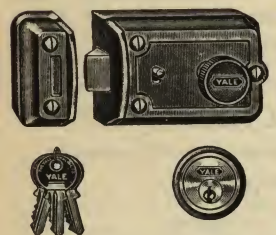
With Rim and Flat Strikes
Case—Iron; 2¼ x 3¼ x 1½ in.
Backset—2¼".
Cylinder—Die cast 5 disc tumblers.
Bolt—Iron, brass plated.
Turn Knob—Steel, brass plated.

Keys—Two, brass, 400 changes.

For Doors—Up to 2 in. thick, right or left hand.

Operated—Same as No. 26 described above.

Per dozen
No. 21—Japanned finish; weight per dozen 12 lbs. \$16.00

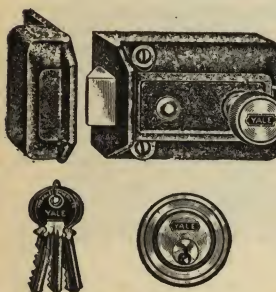


With Rim and Flat Strikes
Case—Iron; 2¼ x 3¼ x 1½ in.
Backset—2 in.
Cylinder—Brass, 4 pin tumblers.
Bolt—Iron, brass plated.
Turn Knob—Iron, brass plated.

Keys—Three nickel bronze, 1500 changes.
For Doors—¾ to 1¾ in. thick, right or left hand.

Operated—By key from outside and knob inside. Bolt may be held back by stop.

Per dozen
No. 36—Japanned finish; weight per dozen 12 lbs. \$20.90



With Rim and Flat Strikes
Case—Iron; 2½ x 3½ x 1½ in.
Backset—2¾ in.
Cylinder—Brass, 5 pin tumblers.
Bolt—Iron, brass plated.
Turn Knob—Brass, buffed.

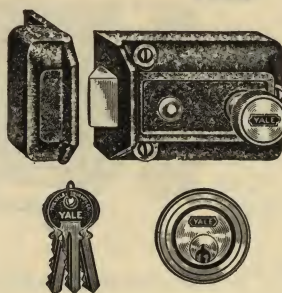
Keys—Three, nickel bronze, 7000 changes.
For Doors—1 to 2½ in. thick, right or left hand.

Operated—Same as No. 36 described above.

Per dozen
No. 937—Black wrinkled finish; wt. per dozen 16½ lbs. \$20.90
All above, one in a box, with screws.

RIM DEAD LATCHES

YALE



With Rim and Flat Strikes
Case—Iron, 2½ x 3½ x 1½ in.
Backset—2½ in.

Cylinder—Brass, 5 pin tumblers.

Bolt—Brass.

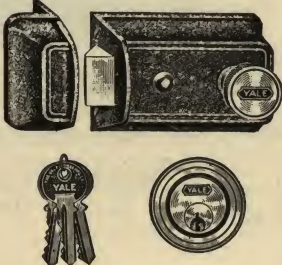
Turn Knob—Brass, buffed.

Keys—Three, nickel bronze, changes unlimited.

For Doors—1 to 2½ in. thick, right or left hand.

Operated—By key from outside and knob inside. Bolt may be held back by stop and also deadlocked against end pressure by key or knob. When deadlocked bolt has an additional throw of ½ in.

Per dozen
No. 042—Black wrinkled finish; wt. per dozen 18 lbs. \$28.00



With Rim and Flat Strikes
Case—Iron, 2½ x 3½ x 1½ in.
Backset—2½ in.

Cylinder—Brass, 5 pin tumblers.

Bolt—Brass.

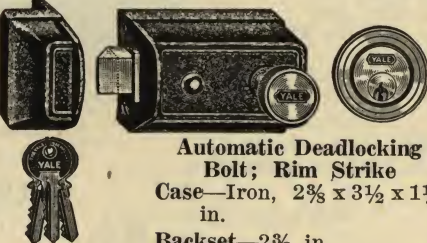
Turn Knob—Brass, buffed.

Keys—Three, nickel bronze, changes unlimited.

For Doors—1 to 2½ in. thick, right or left hand.

Operated—Same as No. 042 described above.

Per dozen
No. 42—Wrinkled brass finish; wt. per dozen 18 lbs. \$29.30



Automatic Deadlocking Bolt; Rim Strike

Case—Iron, 2½ x 3½ x 1½ in.

Backset—2½ in.

Cylinder—Brass, 5 pin tumblers.

Bolt—Brass.

Turn Knob—Brass, buffed.

Keys—Three, nickel bronze, changes unlimited.

For Doors—1 to 2½ in. thick, right or left hand opening in.

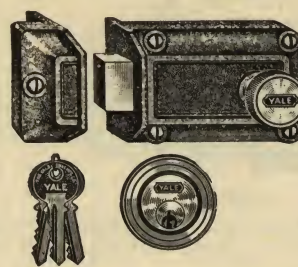
Operated—By key from outside and knob inside. Bolt may be held back by stop. Bolt has a ½ in. projection but when door is closed it is automatically thrown forward an additional ¾ in. into deadlocked position.

Per dozen
No. 44—Wrinkled brass finish; wt. per dozen 21 lbs. \$40.00

All above, one in a box, with screws.

RIM DEAD LOCKS

YALE



With Rim and Flat Strikes

Case—Iron, 2¼ x 3½ x 1½ in.

Backset—2½ in.

Cylinder—Brass, 5 pin tumblers.

Bolt—Brass, 1x½ in., 5⁄8 in. throw.

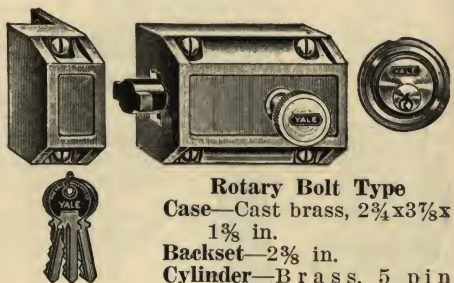
Turn Knob—Brass.

Keys—Three, nickel bronze, changes unlimited.

For Doors—1 to 2½ in. thick, right or left hand.

Operated—By key from outside and knob inside.

Per dozen
No. 2—Black wrinkled finish; wt. per dozen 19 lbs. \$33.50



Rotary Bolt Type

Case—Cast brass, 2¼ x 3¾ x 1½ in.

Backset—2¾ in.

Cylinder—Brass, 5 pin tumblers.

Bolt—¾ in. round steel, case hardened.

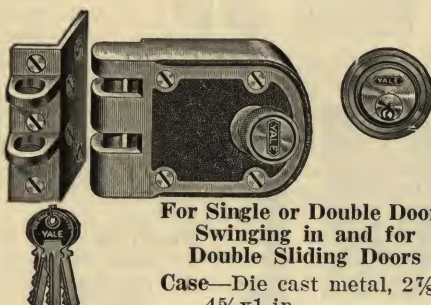
Turn Knob—Brass, buffed.

Keys—Three, nickel bronze, changes unlimited.

For Doors—1¼ to 3¼ in. thick, right or left hand.

Operated—By key from outside and knob inside.

Each
No. 192—Brass finish, high parts buffed, panels sand blasted; wt. each 3 lbs. \$6.00



For Single or Double Doors Swinging in and for Double Sliding Doors

Case—Die cast metal, 2½ x 4½ x 1 in.

Backset—2¾ in.

Cylinder—Bronze, 5 pin tumblers.

Bolt—Hardened steel, nickel plated and blue oxidized.

Turn Knob—Bronze, buffed.

Keys—Three, nickel bronze, changes unlimited.

For Doors—1¼ to 3¼ in. thick, right or left hand.

Operated—By key from outside and knob from inside.

Each
No. 197—Bronze plated, high parts buffed, panels sand blasted; wt. each 2 lbs. \$5.30
All above, one in a box, with screws.

WINSLOW DESIGN

CYLINDER FRONT DOOR LOCK SETS

Wrought Brass Trim

Lock—No. 6745, $5\frac{1}{2} \times 3\frac{3}{4} \times \frac{3}{4}$ in. japanned iron case, $2\frac{1}{2}$ in. backset, $3\frac{3}{4}$ in. outside spacing, $2\frac{1}{2}$ in. inside spacing, $7\frac{1}{2} \times 1\frac{1}{4}$ in. cast bronze front, cast bronze bolts, easy-spring latch bolt, **reversible**; one bronze cylinder, 3 nickel silver keys, changes unlimited.

Operated—Latch bolt by knob from either side except when outside knob is set by stop in face of lock. Dead bolt by turn knob from inside, both dead bolt and latch by same key from outside at all times.

Knobs—Two No. 1763SW, $2\frac{1}{4}$ in.; $\frac{1}{8}$ in. swivel spindle.

Escutcheons—Two; outside No. 7876SW, $9 \times 2\frac{3}{4}$ in.; inside No. 7855SW, $7\frac{1}{4} \times 2\frac{3}{4}$ in., with turn knob.

Per set

No. OE4745SW—Dull brass, oxidized and relieved....\$12.65

No. R7D4745SW—Sanded brass, oxidized and relieved, high parts polished 13.00

Weight per set 4 pounds.

BIT KEY FRONT DOOR LOCK SETS

Wrought Steel Trim

Lock—No. 6341, $4\frac{3}{4} \times 3\frac{3}{4} \times \frac{3}{4}$ in. japanned iron case, $2\frac{1}{2}$ in. backset, $2\frac{1}{2}$ in. spacing, $6\frac{1}{2} \times 1$ in. cast iron front, cast iron bolts, easy-spring latch bolt, **reversible**; 1 tumbler, 2 nickel plated steel keys, 16 changes.

Operated—Latch bolt by knob from either side except when outside knob is set by stop in face of lock. Dead bolt by key from inside, both dead bolt and latch bolt by same key from outside at all times.

Knobs—Two No. 1463SW, $2\frac{1}{4}$ in.; $\frac{1}{8}$ in. swivel spindle.

Escutcheons—Two; outside No. 367SW, $9 \times 2\frac{3}{4}$ in.; inside No. 347SW, $7\frac{1}{4} \times 2\frac{3}{4}$ in.

Per set

No. OE4145SW—Dull brass, oxidized and relieved....\$4.40

No. R7D4145SW—Sanded brass, oxidized and relieved, high parts polished 4.50

Wrought Brass Trim

Lock—No. 6344, cast bronze front and bolts, otherwise same as No. 6341 described above.

Knobs—Two No. 1763SW, $2\frac{1}{4}$ in.; $\frac{1}{8}$ in. swivel spindle.

Escutcheons—Two; outside No. 867SW, $9 \times 2\frac{3}{4}$ in., inside No. 847SW, $7\frac{1}{4} \times 2\frac{3}{4}$ in.

Per set

No. OE4345SW—Dull brass, oxidized and relieved.....\$7.20

No. R7D4345SW—Sanded brass, oxidized and relieved, high parts polished 7.40

Weight per set $3\frac{1}{2}$ pounds.

All above, one set in a box, with screws.

PUSH PLATES

Wrought Steel

Size $10\frac{1}{2} \times 3$ in.

Each

No. OE392SW—Dull brass, oxidized and relieved\$0.70

No. R7D392SW—Sanded brass, oxidized and relieved, high parts polished72

Wrought Brass

Size $10\frac{1}{2} \times 3$ in.

Each

No. OE892SW—Dull brass, oxidized and relieved\$1.30

No. R7D892SW—Sanded brass, oxidized and relieved, high parts polished 1.35

Weight each $\frac{1}{2}$ pound.

Six in a box, with screws.

GLASS PUSH PLATES

Clear Plate Glass, Beveled Edges

Per dozen

No. 3430— 12×3 in.; wt. per dozen 12 lbs.\$7.00

One-sixth dozen in a box, with screws.

INSIDE DOOR LOCK SETS

Wrought Steel Trim

Lock—No. 5160, $3\frac{1}{2} \times 3\frac{1}{4} \times \frac{5}{8}$ in. japanned iron case, $2\frac{1}{2}$ in. backset, $2\frac{1}{2}$ in. spacing, $5\frac{1}{4} \times \frac{7}{8}$ in. wrought steel front, iron bolts, free action latch bolt, **reversible**; 1 iron key, 12 changes.

Knobs—Two No. 1462SW, $2\frac{1}{4}$ in.; $\frac{1}{8}$ in. straight spindle.

Escutcheons—Two No. 345SW, $7\frac{1}{4} \times 2\frac{3}{4}$ in.

Per dozen sets

No. OE254SW—Dull brass, oxidized and relieved\$15.30

No. R7D254SW—Sanded brass, oxidized and relieved, high parts polished 16.60

Wrought Brass Trim

Lock—No. 5164, cast bronze front and bolts, steel key, otherwise same as No. 5160 described above.

Knobs—Two No. 1762SW, $2\frac{1}{4}$ in.; $\frac{1}{8}$ in. straight spindle.

Escutcheons—Two No. 845SW, $7\frac{1}{4} \times 2\frac{3}{4}$ in.

Per dozen sets

No. OE1055SW—Dull brass, oxidized and relieved\$34.60

No. R7D1055SW—Sanded brass, oxidized and relieved, high parts polished 37.80

Weight per dozen sets 25 pounds.

BATH ROOM DOOR LOCK SETS

Complete with trim for both sides of door. Inside trim TC beveled edge design. Lock face and inside trim nickel plated.

Wrought Steel Trim

Lock—No. N4661, $3\frac{1}{2} \times 3\frac{3}{4} \times \frac{3}{4}$ in. japanned iron case, $2\frac{1}{2}$ in. backset, $2\frac{1}{2}$ in. spacing $5\frac{1}{4} \times \frac{7}{8}$ in. wrought steel front, iron bolts free action latch bolt, **reversible**; dead bolt operated by turn knob from one side only.

Knobs—Two; outside No. 1462SW, $2\frac{1}{4}$ in.; inside No. N1462, $2\frac{1}{4}$ in.; $\frac{1}{8}$ in. straight spindle.

Escutcheons—Two; outside No. 345SW, $7\frac{1}{4} \times 2\frac{3}{4}$ in., inside No. N342TC, $7 \times 2\frac{1}{4}$ in., with turn knob.

Per dozen sets

No. OE141SW—Dull brass, oxidized and relieved\$24.00

No. R7D141SW—Sanded brass, oxidized and relieved, high parts polished 24.00

Wrought Brass Trim

Lock—No. N4663, cast bronze front and bolts, otherwise same as No. N4661 described above.

Knobs—Two; outside No. 1762SW, $2\frac{1}{4}$ in.; inside No. N1762F, $2\frac{1}{4}$ in.; $\frac{1}{8}$ in. threaded straight spindle.

Escutcheons—Two; outside No. 845SW, $7\frac{1}{4} \times 2\frac{3}{4}$ in.; inside No. N842TCF, $7 \times 2\frac{1}{4}$ in., with turn knob.

Per dozen sets

No. OE171SW—Dull brass, oxidized and relieved\$45.00

No. R7D171SW—Sanded brass, oxidized and relieved, high parts polished 45.00

Weight per dozen sets 24 pounds.

FRENCH DOOR LOCK SETS

Wrought Steel Trim

Lock—No. 5131, $3\frac{3}{4} \times 2 \times \frac{1}{2}$ in. japanned iron case, $1\frac{1}{2}$ in. backset, $2\frac{1}{2}$ in. spacing, $5 \times 1\frac{1}{8}$ in. cast iron front, bronze bolts, easy spring latch bolt; **reversible**; 1 tumbler, 1 nickel plated steel key, 12 changes.

Knob and Lever Handle—No. 1074SW, $1\frac{1}{4}$ in. knob, $2\frac{1}{4}$ in. lever; $\frac{1}{8}$ in. straight spindle.

Escutcheons—Two No. 305SW, $5\frac{1}{4} \times 1\frac{1}{4}$ in.

Per dozen sets

No. OE160SW—Dull brass, oxidized and relieved.....\$25.00

No. R7D160SW—Sanded brass, oxidized and relieved, high parts polished 26.00

Wrought Brass Trim

Lock—No. 5134, bronze front, otherwise same as No. 5131 described above.

Knob and Lever Handle—No. 1077SW, bronze, otherwise same as above.

Escutcheons—Two No. 705SW, $5\frac{1}{4} \times 1\frac{1}{4}$ in.

Per dozen sets

No. OE164SW—Dull brass, oxidized and relieved.....\$44.00

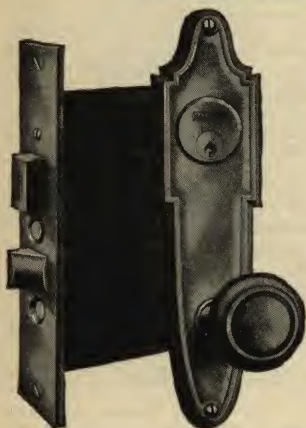
No. R7D164SW—Sanded brass, oxidized and relieved, high parts polished 47.00

Weight per dozen sets 21 pounds

All above, one set in a box, with screws.

BRADFORD DESIGN

CYLINDER FRONT DOOR LOCK SETS



Wrought Brass Trim

Lock—No. 6745, see page 305.

Knobs—Two No. 1763BL, 2 in.; $\frac{7}{8}$ in. swivel spindle.

Escutcheons—Two; outside No. 7876BL, $8\frac{1}{2} \times 2\frac{1}{4}$ in. inside No. 7875BL, $8\frac{1}{2} \times 2\frac{1}{4}$ in., with turn knob.

Per set

No. OE4748BL—Dull brass, oxidized and relieved...\$12.60

No. R7D4748BL—Sanded brass, oxidized and relieved, high parts polished 13.00

Weight per set 4 pounds.

BIT KEY FRONT DOOR LOCK SETS



Wrought Steel Trim

Lock—No. 6341, see page 305.

Knobs—Two No. 1463BL, 2 in., $\frac{7}{8}$ in. swivel spindle.

Escutcheons—Two No. 387BL, $8\frac{1}{2} \times 2\frac{1}{4}$ in.

Per set

No. OE4145BL—Dull brass; oxidized and relieved\$4.50

No. R7D4145BL—Sanded brass, oxidized and relieved, high parts polished 4.60

Wrought Brass Trim

Lock—No. 6344, see page 305.

Knobs—Two No. 1763BL, 2 in., $\frac{7}{8}$ in. swivel spindle.

Escutcheons—Two No. 787BL, $8\frac{1}{2} \times 2\frac{1}{4}$ in.

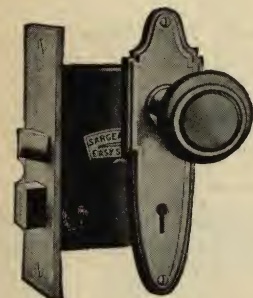
Per set

No. OE4348BL—Dull brass, oxidized and relieved.....\$7.30

No. R7D4348BL—Sanded brass, oxidized and relieved, high parts polished 7.60

Weight per set $3\frac{1}{2}$ pounds.

INSIDE DOOR LOCK SETS



Wrought Steel Trim

Lock—No. 5160, see page 305.

Knobs—Two No. 1462BL, 2 in.; $\frac{7}{8}$ in. straight spindle.

Escutcheons—Two No. 315BL, $6 \times 1\frac{1}{2}$ in.

Per dozen sets

No. OE254BL—Dull brass, oxidized and relieved\$16.00

No. R7D254BL—Sanded brass, oxidized and relieved, high parts polished 17.30

Wrought Brass, Trim

Lock—No. 5164, see page 305.

Knobs—Two, No. 1762BL, 2 in., $\frac{7}{8}$ in. straight spindle.

Escutcheons—Two No. 715BL, $6 \times 1\frac{1}{2}$ in.

Per dozen sets

No. OE1055BL—Dull brass, oxidized and relieved.....\$34.00

No. R7D1055BL—Sanded brass, oxidized and relieved, high parts polished 37.30

Weight per dozen sets 24 pounds.

All above, one set in a box, with screws.

GLASS PUSH PLATES

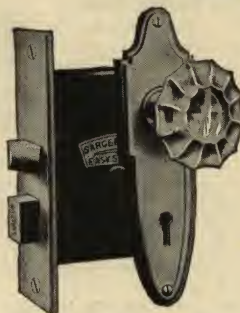
Clear Plate Glass, Beveled Edges

Per dozen

No. 3430— 12×3 in.; weight per dozen 12 lbs.\$7.00

One-sixth dozen in a box, with screws.

INSIDE DOOR LOCK SETS



Wrought Steel Trim, Glass Knobs

Lock—No. 5160, see page 305.

Knobs—Two No. 2243, 2 in., fluted clear glass; $\frac{7}{8}$ in. threaded straight spindle.

Escutcheons—Two No. 315BL, $6 \times 1\frac{1}{2}$ in. Per dozen sets

No. OE284BL—Dull brass oxidized and relieved\$20.70

No. R7D284BL—Sanded brass, oxidized and relieved, high parts polished\$22.00

Wrought Brass Trim, Glass Knobs

Lock—No. 5164, see page 305.

Knobs—Two No. 2243, 2 in., fluted clear glass; $\frac{7}{8}$ in. threaded straight spindle.

Escutcheons—Two No. 715BL, $6 \times 1\frac{1}{2}$ in.

Per dozen sets

No. OE285BL—Dull brass, oxidized and relieved\$23.30

No. R7D285BL—Sanded brass, oxidized and relieved, high parts polished 26.50

Weight per dozen sets 24 pounds.

BATH ROOM DOOR LOCK SETS

Complete with trim for both sides of door. Lock face and inside trim nickel plated.

Wrought Steel Trim

Lock—No. N4661, see page 305.

Escutcheons—Two; outside No. 315BL, $6 \times 1\frac{1}{2}$ in.; inside No. 322BL, $6 \times 1\frac{1}{2}$ in., with turn knob.

With 2 in. Fluted Glass Knobs

Per dozen sets

No. OE248BL—Dull brass, oxidized and relieved\$30.00

No. R7D248BL—Sanded brass, oxidized and relieved, high parts polished 30.00

With 2 in. Metal Knobs

Per dozen sets

No. OE141BL—Dull brass, oxidized and relieved\$25.30

No. R7D141BL—Sanded brass, oxidized and relieved, high parts polished 25.30

Wrought Brass Trim

Lock—No. N4663, see page 305.

Escutcheons—Two; outside No. 715BL, $6 \times 1\frac{1}{2}$ in.; inside No. N722BL, $6 \times 1\frac{1}{2}$ in., with turn knob.

With 2 in. Fluted Glass Knobs

Per dozen sets

No. OE281BL—Dull brass, oxidized and relieved\$42.00

No. R7D281BL—Sanded brass, oxidized and relieved, high parts polished 42.00

No. OE281 $\frac{1}{2}$ BL—Chromium plated inside, dull brass, oxidized and relieved outside 51.60

No. R7D281 $\frac{1}{2}$ BL—Chromium plated inside, sanded brass, oxidized and relieved, high parts polished outside.... 51.60

With 2 in. Metal Knobs

Per dozen sets

No. OE171BL—Dull brass, oxidized and relieved\$44.60

No. R7D171BL—Sanded brass, oxidized and relieved, high parts polished 44.60

No. OE171 $\frac{1}{2}$ BL—Chromium plated inside, dull brass, oxidized and relieved outside 54.25

No. R7D171 $\frac{1}{2}$ BL—Chromium plated inside, sanded brass, oxidized and relieved, high parts polished outside.... 54.25

Weight per dozen sets 24 pounds.

FRENCH DOOR LOCK SETS

Wrought Steel Trim

Lock—No. 5131, see page 305.

Knob and Lever Handle—No. 1462BL knob, 2 in., 2 in. lever; $\frac{7}{8}$ in. straight spindle.

Escutcheons—Two No. 315BL, $6 \times 1\frac{1}{2}$ in.

Per dozen sets

No. OE160BL—Dull brass, oxidized and relieved\$26.00

No. R7D160BL—Sanded brass, oxidized and relieved; high parts polished 27.30

Wrought Brass Trim

Lock—No. 5134, see page 305.

Knob and Lever Handle—No. 1762BL knob, 2 in.; 2 in. lever; $\frac{7}{8}$ in. straight spindle.

Escutcheons—Two No. 715BL, $6 \times 1\frac{1}{2}$ in.

Per dozen sets

No. OE164BL—Dull brass, oxidized and relieved\$42.60

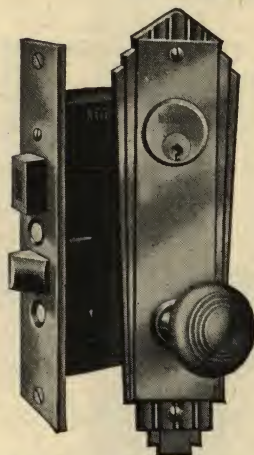
No. R7D164BL—Sanded brass, oxidized and relieved, high parts polished 45.80

Weight per dozen sets 21 pounds.

All above, one set in a box, with screws.

RADIAL DESIGN

CYLINDER FRONT DOOR LOCK SETS



Wrought Brass Trim

Lock—No. 6745, see page 305.
Knobs—Two No. 1763RM, 2 in.; $\frac{1}{8}$ x $\frac{1}{2}$ in. swivel spindle.
Escutcheons—Two; outside No. 7876RM, 9x2 $\frac{1}{2}$ in.; inside No. 7875RM, 9x2 $\frac{1}{2}$ in., with turn knob.

Per set

No. OE4748RM—Dull brass, oxidized and relieved\$12.60

No. R7D4748RM—Sanded brass, oxidized and relieved, high parts polished 13.00

ⓈNo. L5N4748RM—Dull nickel, oxidized and relieved 13.00

Wrought Brass Trim, Glass Knob Inside

Knobs—Two, outside same as above; inside No. 2243, 2 in., fluted clear glass; $\frac{1}{8}$ x $\frac{1}{2}$ in. swivel spindle.

Per set

No. OE4788RM—Dull brass, oxidized and relieved\$12.60

No. R7D4788RM—Sanded brass, oxidized and relieved, high parts polished 13.00

ⓈNo. L5N4788RM—Dull nickel, oxidized and relieved 13.00

Weight per set 4 pounds.

BIT KEY FRONT DOOR LOCK SETS

Wrought Steel Trim

Lock—No. 6341, see page 305.

Escutcheons—Two No. 387RM, 9x2 $\frac{1}{2}$ in.

With 2 in. Metal Knobs

Per set

No. OE4145RM—Dull brass, oxidized and relieved\$4.50

No. R7D4145RM—Sanded brass, oxidized and relieved, high parts polished 4.60

ⓈNo. L5N4145RM—Dull nickel, oxidized and relieved 4.60

With 2 in. Fluted Glass Knob Inside

Per set

No. OE4185RM—Dull brass, oxidized and relieved\$4.50

No. R7D4185RM—Sanded brass, oxidized and relieved, high parts polished 4.60

ⓈNo. L5N4185RM—Dull nickel, oxidized and relieved 4.60

Wrought Brass Trim

Lock—No. 6344, see page 305.

Escutcheons—Two No. 387RM, 9x2 $\frac{1}{2}$ in.

With 2 in. Metal Knobs

Per set

No. OE4348RM—Dull brass, oxidized and relieved\$7.30

No. R7D4348RM—Sanded brass, oxidized and relieved, high parts polished 7.60

ⓈNo. L5N4348RM—Dull nickel, oxidized and relieved 7.60

With 2 in. Fluted Glass Knob Inside

Per set

No. OE4388RM—Dull brass, oxidized and relieved\$7.30

No. R7D4388RM—Sanded brass, oxidized and relieved, high parts polished 7.60

ⓈNo. L5N4388RM—Dull nickel, oxidized and relieved 7.60

Weight per set 3 $\frac{1}{2}$ pounds.

INSIDE DOOR LOCK SETS

Wrought Steel Trim

Lock—No. 5160, see page 305.

Knobs—Two No. 1462RM, 2 in.; $\frac{1}{8}$ in. straight spindle.

Escutcheons—Two No. 315RM, 6x1 $\frac{1}{2}$ in.

Per dozen sets

No. OE254RM—Dull brass, oxidized and relieved\$16.00

No. R7D254RM—Sanded brass, oxidized and relieved, high parts polished 17.30

ⓈNo. L5N254RM—Dull nickel, oxidized and relieved 17.30

Wrought Brass Trim

Lock—No. 5164, see page 305.

Knobs—Two No. 1762RM, 2 in.; $\frac{1}{8}$ in. straight spindle.

Escutcheons—Two No. 715RM, 6x1 $\frac{1}{2}$ in.

Per dozen sets

No. OE1055RM—Dull brass, oxidized and relieved\$34.00

No. R7D1055RM—Sanded brass, oxidized and relieved, high parts polished 37.30

ⓈNo. L5N1055RM—Dull nickel, oxidized and relieved 37.30

Weight per dozen sets 24 pounds.

All above, one set in a box, with screws.

GLASS PUSH PLATES

Clear Plate Glass, Beveled Edges

Per dozen

No. 3430—12x3 in.; wt. per dozen 12 lbs.\$7.00

One-sixth dozen in a box, with screws.

NOTE—Goods Marked Ⓢ Not Carried in Stock but Shipped Direct from Factory.

INSIDE DOOR LOCK SETS

Wrought Steel Trim, Glass Knobs

Lock—No. 5160, see page 305.

Knobs—Two No. 2243, 2 in., fluted clear glass, $\frac{1}{8}$ in. threaded straight spindle.

Escutcheons—Two No. 315RM, 6x1 $\frac{1}{2}$ in.

Per dozen sets

No. OE234RM—Dull brass, oxidized and relieved\$20.70

No. R7D234RM—Sanded brass, oxidized and relieved, high parts polished 22.00

ⓈNo. L5N234RM—Dull nickel, oxidized and relieved 22.00

Wrought Brass Trim, Glass Knob

Lock—No. 5160, see page 305.

Knobs—Same as above.

Escutcheons—Two No. 715RM, 6x1 $\frac{1}{2}$ in.

Per dozen sets

No. OE285RM—Dull brass, oxidized and relieved\$23.30

No. R7D285RM—Sanded brass, oxidized and relieved, high parts polished 26.50

ⓈNo. L5N285RM—Dull nickel, oxidized and relieved 26.50

Weight per dozen sets 24 pounds.

BATH ROOM DOOR LOCK SETS

Complete with trim for both sides of door. Lock face and inside trim nickel plated.

Wrought Steel Trim

Lock—No. N4661, see page 305.

Escutcheons—Two; outside No. 315RM, 6x1 $\frac{1}{2}$ in., inside No. N322RM, 6x1 $\frac{1}{2}$ in., with turn knob.

With 2 in. Fluted Glass Knobs

Per dozen sets

No. OE24SRM—Dull brass, oxidized and relieved\$30.00

No. R7D24SRM—Sanded brass, oxidized and relieved, high parts polished 30.00

ⓈNo. L5N24SRM—Dull nickel, oxidized and relieved 30.00

With 2 in. Metal Knob

Per dozen sets

No. OE141RM—Dull brass, oxidized and relieved\$25.30

No. R7D141RM—Sanded brass, oxidized and relieved, high parts polished 25.30

ⓈNo. L5N141RM—Dull nickel, oxidized and relieved 25.30

Wrought Brass Trim

Lock—No. N4663, see page 305.

Escutcheons—Two; outside No. 715RM, 6x1 $\frac{1}{2}$ in.; inside No. N722RM, 6x1 $\frac{1}{2}$ in., with turn knob.

With 2 in. Fluted Glass Knobs

Per dozen sets

No. OE281RM—Dull brass, oxidized and relieved\$42.00

No. R7D281RM—Sanded brass, oxidized and relieved, high parts polished 42.00

ⓈNo. L5N281RM—Dull nickel, oxidized and relieved 42.00

No. CM281 $\frac{1}{2}$ RM—Chromium plated inside, OE or R7D outside 51.60

ⓈNo. L5N281 $\frac{1}{2}$ RM—Chromium plated inside, dull nickel oxidized and relieved, outside 51.60

With 2 in. Metal Knob

Per dozen sets

No. OE171RM—Dull brass, oxidized and relieved\$44.60

No. R7D171RM—Sanded brass, oxidized and relieved, high parts polished 44.60

ⓈNo. L5N171RM—Dull nickel, oxidized and relieved 44.60

No. CM171 $\frac{1}{2}$ RM—Chromium plated inside, OE, R7D or L5N outside 54.25

Weight per dozen sets 24 pounds.

FRENCH DOOR LOCK SETS

Wrought Steel Trim

Lock—No. 5131, see page 305.

Escutcheons—Two No. 315RM, 6x1 $\frac{1}{2}$ in.

Lever Handle—2 inch.

With 2 in. Fluted Glass Knobs

Per dozen sets

No. OE182RM—Dull brass, oxidized and relieved\$30.00

No. R7D182RM—Sanded brass, oxidized and relieved, high parts polished 31.30

ⓈNo. L5N182RM—Dull nickel, oxidized and relieved 31.30

With 2 in. Metal Knob

Per dozen sets

No. OE160RM—Dull brass, oxidized and relieved\$26.00

No. R7D160RM—Sanded brass, oxidized and relieved, high parts polished 27.30

ⓈNo. L5N160RM—Dull nickel, oxidized and relieved 27.30

Wrought Brass Trim

Lock—No. 5134, see page 305.

Escutcheons—Two No. 715RM, 6x1 $\frac{1}{2}$ in.

Lever Handle—2 inch.

With 2 in. Fluted Glass Knobs

Per dozen sets

No. OE184RM—Dull brass, oxidized and relieved\$42.60

No. R7D184RM—Sanded brass, oxidized and relieved, high parts polished 45.80

ⓈNo. L5N184RM—Dull nickel, oxidized and relieved 45.80

With 2 in. Metal Knob

Per dozen sets

No. OE164RM—Dull brass, oxidized and relieved\$42.60

No. R7D164RM—Sanded brass, oxidized and relieved, high parts polished 45.80

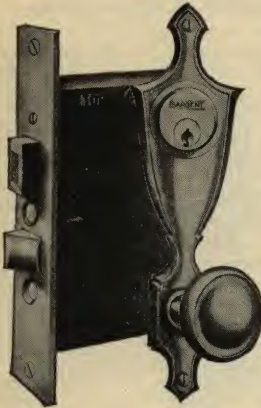
ⓈNo. L5N164RM—Dull nickel, oxidized and relieved 45.80

Weight per dozen sets 21 pounds.

All above, one set in a box, with screws.

PAUL REVERE DESIGN

CYLINDER FRONT DOOR LOCK SETS



Wrought Brass Trim

- Lock—No. 6745, see page 305.
- Knobs—Two No. 1763GR, 2 in.; $\frac{5}{8}$ x $\frac{3}{4}$ in. swivel spindle.
- Escutcheons—Two; outside No. 7876GR, 8x2 $\frac{3}{8}$ in.; inside No. 7875GR, 8x2 $\frac{3}{8}$ in., with turn knob.
- Per set
- No. OE4748GR—Dull brass, oxidized and relieved\$12.60
- No. L5N4748GR—Dull nickel, oxidized and relieved 13.00
- Weight per set 3 $\frac{1}{2}$ pounds.

BIT KEY FRONT DOOR LOCK SETS



Wrought Steel Trim

- Lock—No. 6341, see page 305.
- Knobs—Two No. 1463GR, 2 in.; $\frac{5}{8}$ in. swivel spindle.
- Escutcheons—Two No. 387GR, 8x2 $\frac{3}{8}$ in.
- Per set
- No. OE4145GR—Dull brass, oxidized and relieved\$4.50
- No. L5N4145GR—Dull nickel, oxidized and relieved..... 4.60

Wrought Brass Trim

- Lock—No. 6344, see page 305.
- Knobs—Two No. 1763GR, 2 in.; $\frac{5}{8}$ in. swivel spindle.
- Escutcheons—Two No. 787GR, 8x2 $\frac{3}{8}$ in.
- Per set
- No. OE4348GR—Dull brass, oxidized and relieved.....\$7.30
- No. L5N4348GR—Dull nickel, oxidized and relieved..... 7.60
- Weight per set 3 pounds.

INSIDE DOOR LOCK SETS



Wrought Steel Trim

- Lock—No. 5160, see page 305.
- Knobs—Two No. 1462GR, 2 in.; $\frac{5}{8}$ in. straight spindle.
- Escutcheons—Two No. 315GR, 6 $\frac{1}{8}$ x2 in.
- Per dozen sets
- No. OE254GR—Dull brass, oxidized and relieved\$16.00
- No. L5N254GR—Dull nickel, oxidized and relieved 17.30

Wrought Brass Trim

- Lock—No. 5164, see page 305.
- Knobs—Two No. 1762GR, 2 in.; $\frac{5}{8}$ in. straight spindle.
- Escutcheons—Two No. 715GR, 6 $\frac{1}{8}$ x2 in.
- Per dozen sets
- No. OE1055GR—Dull brass, oxidized and relieved.....\$34.00
- No. L5N1055GR—Dull nickel, oxidized and relieved..... 37.30

Wrought Steel Trim, Glass Knobs

- Lock—No. 5160, see page 305.
- Knobs—Two No. 2243, 2 in., fluted clear glass; $\frac{5}{8}$ in. threaded straight spindle.
- Escutcheons—Two No. 315GR, 6 $\frac{1}{8}$ x2 in.
- Per dozen sets
- No. OE284GR—Dull brass, oxidized and relieved.....\$20.70
- No. L5N284GR—Dull nickel, oxidized and relieved..... 22.00

Wrought Brass Trim, Glass Knobs

- Lock—No. 5160, see page 305.
- Knobs—Two No. 2243, 2 in., fluted clear glass; $\frac{5}{8}$ in. threaded straight spindle.
- Escutcheons—Two No. 715GR, 6 $\frac{1}{8}$ x2 in.
- Per dozen sets
- No. OE285GR—Dull brass, oxidized and relieved\$23.30
- No. L5N285GR—Dull nickel, oxidized and relieved..... 26.50
- All above, one set in a box, with screws.

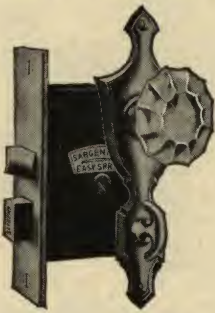
GLASS PUSH PLATES

- Clear Plate Glass, Beveled Edges
- Per dozen
- No. 3430—12x3 in.; wt. per dozen 12 lbs.....\$7.00
- One-sixth dozen in a box, with screws.

Note—The above design can be furnished in the following finishes: B—Polished Brass and O6P—Dull Bronze.

BATH ROOM DOOR LOCK SETS

Complete with trim for both sides of door. Lock face and inside trim nickel plated.



Wrought Steel Trim, Glass Knobs

- Lock—No. N4661, see page 305.
- Knobs—Two No. 2243, 2 in., fluted clear glass; $\frac{5}{8}$ in. threaded straight spindle.
- Escutcheons—Two; outside No. 315GR, 6 $\frac{1}{8}$ x2 in., inside No. N322GR, 6 $\frac{1}{8}$ x2 in., with turn knob.
- Per dozen sets
- No. OE248GR—Dull brass, oxidized and relieved\$30.00
- No. L5N248GR—Dull nickel, oxidized and relieved 30.00

Wrought Brass Trim, Glass Knobs

- Lock—No. N4663, see page 305.
- Knobs—Same as above.
- Escutcheons—Two; outside No. 715GR, 6 $\frac{1}{8}$ x2 in.; inside No. N722GR, 6 $\frac{1}{8}$ x2 in., with turn knob.
- Per dozen sets
- No. OE281GR—Dull brass, oxidized and relieved\$42.00
- No. L5N281GR—Dull nickel, oxidized and relieved..... 42.00
- No. OE281 $\frac{1}{2}$ GR—Chromium plated inside, dull brass, oxidized and relieved 51.60
- No. L5N281 $\frac{1}{2}$ GR—Chromium plated inside, dull nickel, oxidized and relieved outside 51.60

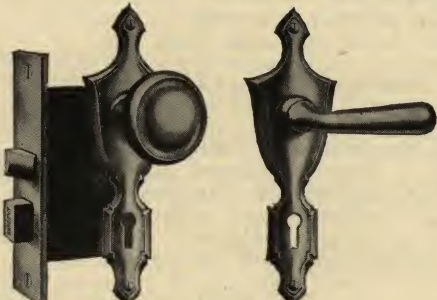
Wrought Steel Trim, Metal Knobs

- Lock—No. N4661, see page 305.
- Knobs—Two No. 1462GR, 2 in.; $\frac{5}{8}$ in. straight spindle.
- Escutcheons—Two; outside No. 315GR, 6 $\frac{1}{8}$ x2 in.; inside No. N322GR, 6 $\frac{1}{8}$ x2 in., with turn knob.
- Per dozen sets
- No. OE141GR—Dull brass, oxidized and relieved\$25.30
- No. L5N141GR—Dull nickel, oxidized and relieved..... 25.30

Wrought Brass Trim, Metal Knobs

- Lock—No. N4663, see page 305.
- Knobs—Two No. 1762GR, 2 in.; $\frac{5}{8}$ in. straight spindle.
- Escutcheons—Two; outside No. 715GR, 6 $\frac{1}{8}$ x2 in.; inside No. N722GR, 6 $\frac{1}{8}$ x2 in., with turn knob.
- Per dozen sets
- No. OE171GR—Dull brass, oxidized and relieved.....\$44.60
- No. L5N171GR—Dull nickel, oxidized and relieved..... 44.60
- No. OE171 $\frac{1}{2}$ GR—Chromium plated inside, dull brass, oxidized and relieved outside 54.25
- No. L5N171 $\frac{1}{2}$ GR—Chromium plated inside, dull nickel, oxidized and relieved outside 54.25
- Weight per dozen sets 24 pounds.

FRENCH DOOR LOCK SETS



Wrought Steel Trim

- Lock—No. 5131, see page 305.
- Knob—One No. 1462GR, 2 in.; $\frac{5}{8}$ in. straight spindle.
- Lever Handle—2 in.
- Escutcheons—Two No. 315GR, 6 $\frac{1}{8}$ x2 in.
- Per dozen sets
- No. OE160GR—Dull brass, oxidized and relieved.....\$26.00
- No. L5N160GR—Dull nickel, oxidized and relieved..... 27.30

Wrought Brass Trim

- Lock—No. 5134, see page 305.
- Knob—One No. 1762GR, 2 in.; $\frac{5}{8}$ in. straight spindle.
- Lever Handle—2 in.
- Escutcheons—Two No. 715GR, 6 $\frac{1}{8}$ x2 in.
- Per dozen sets
- No. OE164GR—Dull brass, oxidized and relieved.....\$42.60
- No. L5N164GR—Dull nickel, oxidized and relieved..... 45.80
- Weight per dozen sets 21 pounds.
- All above, one set in a box, with screws.

TARLTON DESIGN

CYLINDER FRONT DOOR LOCK SETS

Wrought Brass Trim

Lock—No. 6745, 5½x3½x¾ in. japanned iron case, 2½ in. backset, 3¾ in. outside spacing, 2½ in. inside spacing, 7½x1½ in. cast bronze front, cast bronze bolts, easy-spring latch bolt, **reversible**; one bronze cylinder, 3 nickel silver keys, changes unlimited.

Operated—Latch bolt by knob from either side except when outside knob is set by stop in face of lock. Dead bolt by turn knob from inside, both dead bolt and latch bolt by same key from outside at all times.

Knobs—Two No. 1763F, 2¼ in.; ⅝x¾ in. threaded swivel spindle.

Escutcheons—Two; outside No. 7896-TCF, 10x3 in.; inside No. 7855TCF, 7x2¼ in., with turn knob.

Per set
No. AB4748TCF—Antique copper \$11.30
No. OB4748TCF—Dull brass... 11.30

No. RD4748TCF—Sanded brass, oxidized 11.70

Weight per set 4 pounds.

One set in a box, with screws.

BIT KEY FRONT DOOR LOCK SETS

Wrought Steel Trim

Lock—No. 6341, 4¾x3¾x¾ in. japanned iron case, 2½ in. backset, 2¾ in. spacing, 6¾x1 in. cast iron bolts, easy-spring latch bolt, **reversible**; 1 tumbler, 2 nickel plated steel keys, 16 changes.

Operated—Latch bolt by knob from either side except when outside knob is set by stop in face of lock. Dead bolt by key from inside, both dead bolt and latch bolt by same key from outside at all times.

Knobs—Two No. 1343, 2¼ in.; ⅝ in. swivel spindle.

Escutcheons—Two; outside No. 387TC, 10x3 in.; inside No. 347TC, 7x2¼ in.

Per set
No. AB4128TC—Antique copper \$3.50
No. OB4128TC—Dull brass.... 3.50

No. RD4128TC—Sanded brass, oxidized 3.60

Wrought Brass Trim

Lock—No. 6344, cast bronze front and bolts, otherwise same as No. 6341, described above.

Knobs—Two No. 1763, 2¼ in.; ⅝ in. swivel spindle.

Escutcheons—Two; outside No. 887TC, 10x3 in.; inside No. 847TC, 7x2¼ in.

Per set
No. AB4348TC—Antique copper \$6.40
No. OB4348TC—Dull brass 6.40

No. RD4348TC—Sanded brass, oxidized 6.65

Weight per set 3½ pounds.

One set in a box, with screws.

PUSH PLATES

Wrought Steel

Size 10x3 in.

Per dozen
No. AB392TC—Antique copper \$3.60
No. OB392TC—Dull brass 3.60

No. RD392TC—Sanded brass, oxidized 3.90

Wrought Brass

Size 10x3 in.

Per dozen
No. AB892TC—Antique copper \$10.60
No. OB892TC—Dull brass 10.60

No. RD892TC—Sanded brass, oxidized 11.60

One-half dozen in a box, with screws.

GLASS PUSH PLATES

Clear Plate Glass, Beveled Edges

Per dozen
No. 3430—12x3 in.; wt. per dozen 12 lbs. \$7.00

One-sixth dozen in a box, with screws.

INSIDE DOOR LOCK SETS

Wrought Steel Trim

Lock—No. 5160, 3½x3¼x¾ in. japanned iron case, 2½ in. backset, 2½ in. spacing, 5¼x¾ in. wrought steel front, iron bolts, free action latch bolt, **reversible**; 1 nickel plated iron key, 12 changes.

Knobs—Two No. 1342, 2¼ in.; ⅝ in. straight spindle.

Escutcheons—Two No. 345TC, 7x2¼ in. Per dozen sets

No. AB244TC—Antique copper... \$12.00

No. OB244TC—Dull brass 12.00

No. RD244TC—Sanded brass, oxidized 13.30

Wrought Steel Trim

Lock—No. 5163, 3 tumblers, 2 steel keys, otherwise same as No. 5160 described above.

Knobs and Escutcheons—Same as above. Per dozen sets

No. AB244TCx5163x2—Antique copper \$21.30

No. OB244TCx5163x2—Dull brass 21.30

No. RD244TCx5163x2—Sanded brass, oxidized 22.60

Wrought Brass Trim

Lock—No. 5164, cast bronze front and bolts, steel key, otherwise same as No. 5160, described above.

Knobs—Two No. 1762, 2¼ in.; ⅝ in. threaded straight spindle.

Escutcheons—Two No. 845TC, 7x2¼ in. Per dozen sets

No. AB1055TCF—Antique copper \$32.00

No. OB1055TCF—Dull brass 32.00

No. RD1055TCF—Dull brass, oxidized 35.20

BATH ROOM DOOR LOCK SETS

Complete with trim for both sides of door. Lock face and inside trim nickel plated.

Wrought Steel Trim

Lock—No. N4661, 3½x3¼x¾ in. japanned iron case, 2½ in. backset, 2½ in. spacing, 5¼x¾ in. wrought steel front, iron bolts, free action latch bolt, **reversible**; dead bolt operated by turn knob from one side only.

Knobs—Two No. 1342, 2¼ in.; ⅝ in. straight spindle.

Escutcheons—Two; outside No. 345TC, 7x2¼ in.; inside No. N342TC, 7x2¼ in., with turn knob.

Per dozen sets
No. AB140TC—Antique copper .. \$22.60

No. OB140TC—Dull brass 22.60

No. RD140TC—Sanded brass, oxidized 22.60

Wrought Brass Trim

Lock—No. N4663, cast bronze front and bolts, otherwise same as No. N4661, described above.

Knobs—Two No. 1762, 2¼ in.; ⅝ in. straight spindle.

Escutcheons—Two; outside No. 845TC, 7x2¼ in.; inside No. N842TC, 7x2¼ in., with turn knob. Per dozen sets

No. AB171TC—Antique copper \$42.60

No. OB171TC—Dull brass 42.60

No. RD171TC—Sanded brass, oxidized 42.60

No. 171½TC—Chromium plated inside, AB, OB or RD outside 52.20

Weight per dozen sets 24 pounds.

FRENCH DOOR LOCK SETS

Wrought Steel Trim

Lock—No. 5131, 3½x2x½ in. japanned iron case, 1½ in. backset, 2½ in. spacing, 5x1½ in. iron front, heavy bronze bolts, easy-spring latch bolt, **reversible**; 1 tumbler, 1 nickel plated steel key, 12 changes.

Knob and Lever Handle—No. 1074 1¾ in. knob, 2½ in. lever; ⅝ in. straight spindle.

Escutcheons—Two No. 305TC, 5x1¼ in.

Per dozen sets

No. AB160TC—Antique copper \$23.30

No. OB160TC—Dull brass 23.30

No. RD160TC—Sanded brass, oxidized 24.60

Wrought Brass Trim

Lock—No. 5134, bronze front, otherwise same as No. 5131, described above.

Knob and Lever Handle—No. 1077, 1¾ in. knob, 2½ in. lever; ⅝ in. straight spindle.

Escutcheons—Two No. 705TC, 5x1¼ in. Per dozen sets

No. AB164TC—Antique copper \$40.00

No. OB164TC—Dull brass 40.00

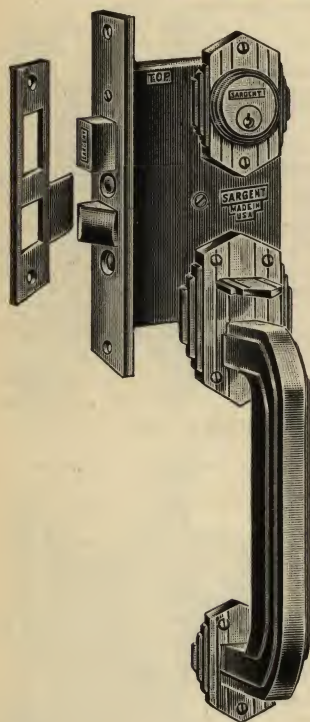
No. RD164TC—Sanded brass, oxidized 43.20

Weight per dozen sets 21 pounds.

All above, one set in a box, with screws.

ENTRANCE DOOR HANDLE LOCK SETS

One handle for outside, complete with lock. Any inside knob or knob and escutcheon may be used inside.



Paul Revere
Design



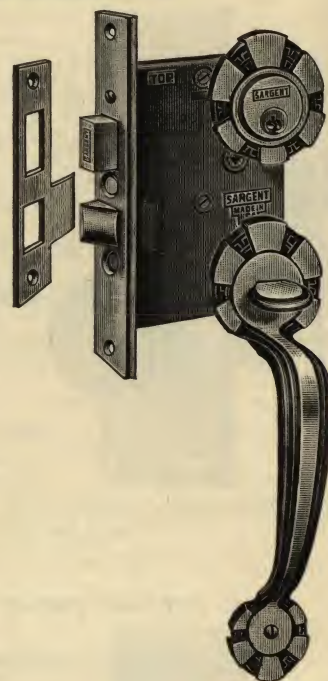
Bradford
Design



Radial
Design



Tarlton
Design



All Sets Listed on this Page are Furnished with either Paul Revere, Bradford, Radial, Winslow or Tarlton Design inside trim and with metal or glass knob.

When ordering specify design and finish wanted.

Cast Bronze

Lock—No. 761, as described below.

Handle—One, size over all including cylinder $15\frac{1}{4} \times 2\frac{1}{4}$ in.

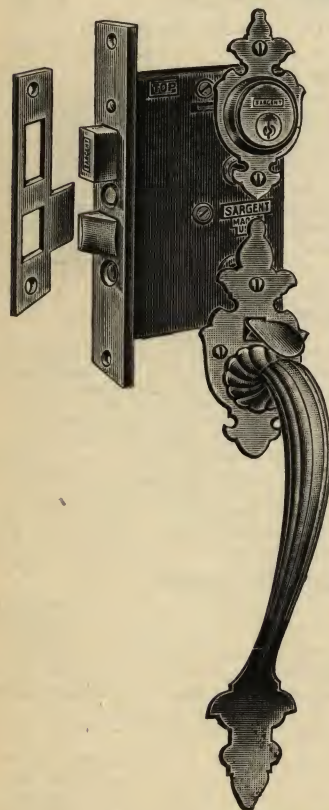
Per set

No. OE2671MM—Dull brass, oxidized and relieved.....\$20.00

No. D5EM2671MM—Dull white bronze, recessed parts dark 23.00

Weight per set 7 pounds.

One set in a box, with screws.



Cast Brass

Lock—No. 761, $5\frac{1}{2} \times 3\frac{5}{8} \times \frac{3}{4}$ in. japanned iron case, $2\frac{1}{2}$ in. backset, $3\frac{7}{8}$ in. outside spacing, $2\frac{1}{2}$ in. inside spacing, $7\frac{1}{2} \times 1\frac{1}{8}$ in. cast bronze front, cast bronze bolts, easy-spring latch bolt, reversible; one bronze cylinder, 3 nickel silver keys, changes unlimited.

Operated—Latch bolt by thumb piece from outside and knob inside except when outside thumb piece is set by stop in face of lock. Dead bolt by turn knob from inside both dead bolt and latch bolt by same key from outside at all times.

Handle—One, size over all including cylinder $16\frac{3}{4} \times 2\frac{3}{8}$ in.

Per set

No. B2871—Polished brass.\$17.50

No. HF2871—Dark nickel plated, imitation half polished iron oxidized and relieved 18.00

Weight per set 5 pounds.
One set in a box, with screws.

Cast Brass

Lock—No. 761, as described below.

Handle—One, size over all including cylinder $14\frac{1}{2} \times 2\frac{3}{8}$ in.

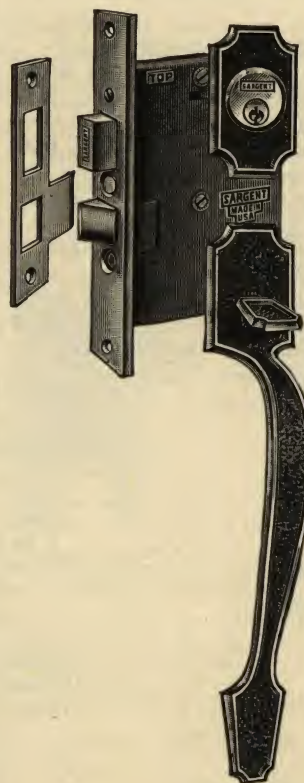
Per set

No. OE2171—Dull brass, oxidized and relieved.....\$13.50

No. D5EM2171—Dull white bronze, recessed parts dark.... 16.00

Weight per set $5\frac{1}{2}$ pounds.

One set in a box, with screws.



Cast Brass

Lock—No. 761, $5\frac{1}{2} \times 3\frac{5}{8} \times \frac{3}{4}$ in. japanned iron case, $2\frac{1}{2}$ in. backset, $3\frac{7}{8}$ in. outside spacing, $2\frac{1}{2}$ in. inside spacing; $7\frac{1}{2} \times 1\frac{1}{8}$ in. cast bronze front, cast bronze bolts, easy-spring latch bolt, reversible; one bronze cylinder, 3 nickel silver keys, changes unlimited.

Operated—Latch bolt by thumb piece from outside and knob inside except when outside thumb piece is set by stop in face of lock. Dead bolt by turn knob from inside both dead bolt and latch bolt by same key from outside at all times.

Handle—One, size over all including cylinder $16\frac{1}{8} \times 2$ in.

Per set

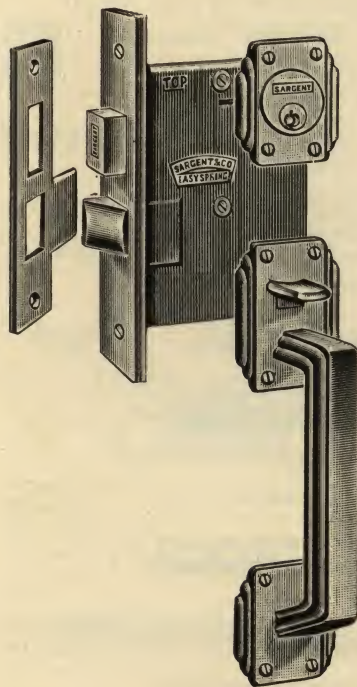
No. OE2371—Dull brass, oxidized and relieved....\$12.50

Weight per set $5\frac{1}{4}$ pounds.
One set in a box, with screws.

STORE DOOR HANDLE LOCK SETS

Two handles, one for each side of door, with lock.

SECTIONAL, WITH CYLINDER LOCK



Cast Brass

Lock—No. 933, $5\frac{1}{2} \times 3\frac{3}{8} \times 1\frac{1}{8}$ in. japanned iron case, $2\frac{3}{4}$ in. backset, $7\frac{3}{4} \times 1\frac{1}{4}$ in. cast bronze front, heavy bronze bolts, easy-spring latch bolt, **reversible**; two bronze cylinders, 3 nickel silver keys, changes unlimited.

Operated—Latch bolt by thumb piece from either side, dead bolt by key from either side.

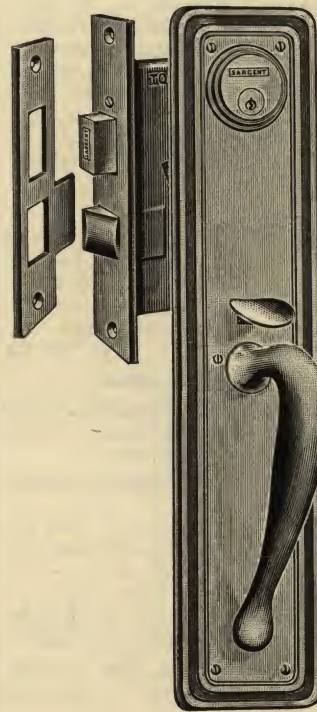
Handles—Two, size over all including cylinder $13\frac{1}{4} \times 2\frac{1}{4}$ in.

- | | |
|--|---------|
| | Per set |
| No. 06P2661MLx2xOP933 | |
| —Dull bronze; oxidized and relieved; lock face dull bronze . . . | \$29.00 |
| No. L5N2661MLx2xLN933 | |
| —Dull nickel, oxidized and relieved; lock face dull nickel | 30.00 |
| No. CM2661MLx2xCM933 | |
| —Chromium plated | 32.00 |

Weight per set $7\frac{1}{2}$ pounds.

One set in a box, with screws.

WINSLOW DESIGN, CYLINDER LOCK



Wrought Brass

Lock—No. 923, $5\frac{1}{8} \times 3\frac{3}{8} \times \frac{7}{8}$ in. japanned iron case, $2\frac{5}{8}$ in. backset, $7\frac{1}{8} \times 1\frac{3}{8}$ in. cast bronze front, cast bronze bolts, easy spring latch bolt, **reversible**; two bronze cylinders, 3 nickel silver keys, changes unlimited.

Operated—Latch bolt by thumb piece from either side, dead bolt by key from either side.

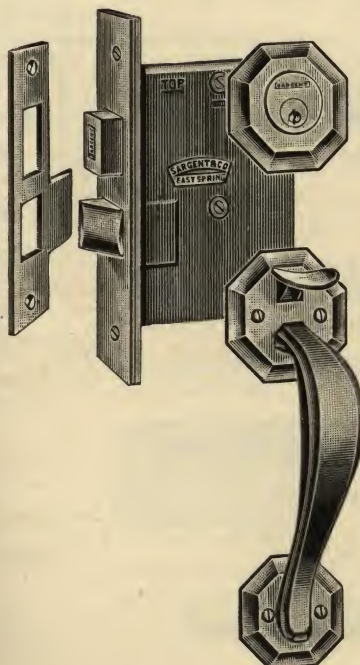
Handles—Two, size of plate $14\frac{1}{2} \times 3\frac{1}{8}$ in.

- | | |
|--|---------|
| | Per set |
| No. R7D7923SW — Sanded brass, oxidized and relieved, high parts polished | \$14.00 |

Weight per set $7\frac{1}{2}$ pounds.

One set in a box, with screws.

TARLTON DESIGN, CYLINDER LOCK



Cast Brass

Lock—No. 933, $5\frac{1}{2} \times 3\frac{3}{8} \times 1\frac{1}{8}$ in. japanned iron case, $2\frac{3}{4}$ in. backset, $7\frac{3}{4} \times 1\frac{1}{4}$ in. cast bronze front, heavy bronze bolts, easy-spring latch bolt, **reversible**; two bronze cylinders, 3 nickel silver keys, changes unlimited.

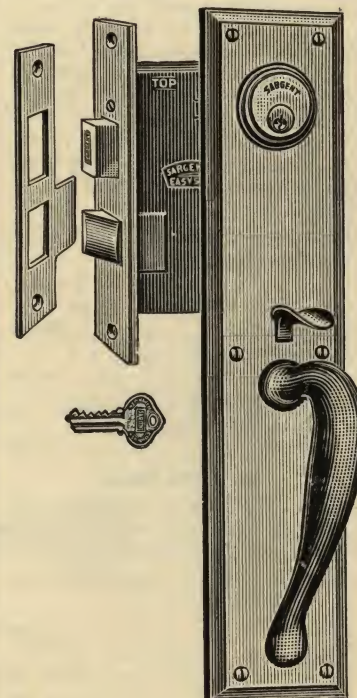
Operated—Latch bolt by thumb piece from either side, dead bolt by key from either side.

Handles—Two, size over all including cylinder $14 \times 2\frac{5}{8}$ in.

- | | |
|--|---------|
| | Per set |
| No. OB2761x2x933—Dull brass | \$22.50 |
| No. RD2761x2x933—Sanded brass, oxidized and relieved | 23.50 |
| No. CM2761x2x933—Chromium plated | 25.50 |

Weight per set $6\frac{1}{2}$ pounds.

One set in a box, with screws.



Wrought Brass

Lock—No. 923, $5\frac{1}{8} \times 3\frac{3}{8} \times \frac{7}{8}$ in. japanned iron case, $2\frac{5}{8}$ in. backset, $7\frac{1}{8} \times 1\frac{3}{8}$ in. cast bronze front, cast bronze bolts, easy spring latch bolt, **reversible**; two bronze cylinders, 3 nickel silver keys, changes unlimited.

Operated—Latch bolt by thumb piece from either side, dead bolt by key from either side.

Handles—Two, size of plate $14\frac{1}{2} \times 3\frac{1}{8}$ in.

- | | |
|--|---------|
| | Per set |
| No. AB7923TC—Antique copper | \$12.50 |
| No. OB7923TC — Dull brass | 12.50 |
| No. RD7923TC—Sanded brass, oxidized and relieved | 13.00 |
| No. CM7923TC—Chromium plated | 16.50 |

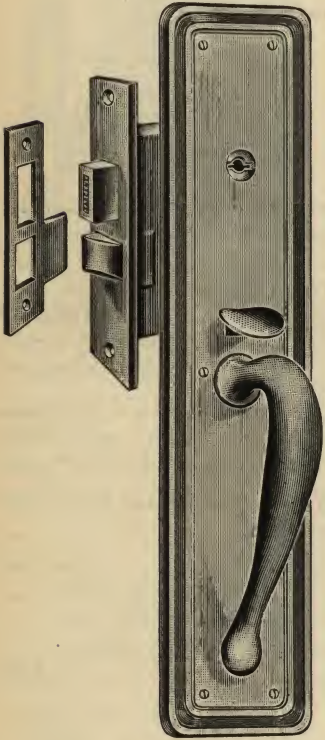
Weight per set 7 pounds.

One set in a box, with screws.

STORE DOOR HANDLE LOCK SETS

Two handles, one for each side of door, with lock.

WINSLOW DESIGN, BIT KEY LOCK



Wrought Steel

Lock—No. 403, 4¼x3x¾ in. japanned iron case, 2⅞ in. backset, 6⅝x1½ in. wrought steel front bronze bolts; easy-spring latch bolts, reversible; 4 tumblers, 2 nickel plated steel keys, 24 changes.

Operated—Latch bolt by thumb piece from either side, dead bolt by key from either side.

Handles—Two, size of plate 14½x3½ in.

Per set

No. R7D7403SW — Sanded brass, oxidized and relieved, high parts polished\$7.00

Wrought Brass

Lock—No. 803, wrought bronze front, otherwise same as No. 403 described above.

Handles—Brass, otherwise same as above.

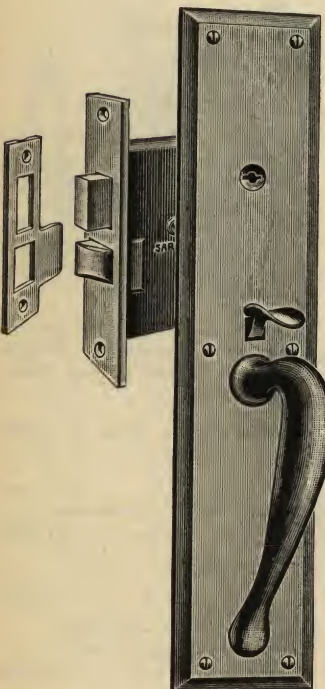
Per set

No. R7D7903SW — Sanded brass, oxidized and relieved, high parts polished\$11.80

Weight per set 5¼ pounds.

One set in a box, with screws.

TARLTON DESIGN, BIT KEY LOCK



Wrought Steel

Lock—No. 403, 4¼x3x¾ in. japanned iron case, 2⅞ in. backset, 6⅝x1½ in. wrought steel front, bronze bolts, easy-spring latch bolt, reversible; 4 tumblers, 2 nickel plated steel keys, 24 changes.

Operated—Latch bolt by thumb piece from either side, dead bolt by key from either side.

Handles—Two, size of plate 14½x3½ in.

Per set

No. AB7403TC — Antique copper\$6.00

No. OB7403TC — Dull brass 6.00

No. RD7403TC — Sanded brass, oxidized and relieved 6.90

Wrought Brass

Lock—No. 803, wrought bronze front, otherwise same as No. 403 described above.

Handles—Brass, otherwise same as above.

Per set

No. AB7903TC—Antique copper\$10.00

No. OB7903TC—Dull brass 10.00

No. RD7903TC—Sanded brass, oxidized and relieved..... 10.70

One set in a box, with screws.

DOOR KNOBS

RIM

Jet, Iron Mountings, One Rose with Each Pair

2¼ in.; 1⅞ in. rose; ⅞ in. straight spindle.

Per dozen pairs

No. 1233—Japanned mountings; weight per dozen pairs 11 lbs.....\$4.40

One-half dozen pairs in a box.

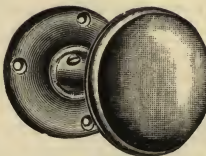
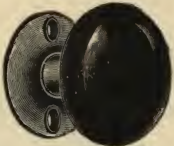
Wrought Steel

2¼ in.; 2 in. rose; ⅞ in. straight spindle.

Per dozen pairs

No. 1372—Japanned; weight per pair ¾ lb.\$4.40

One-half dozen pairs in a box, with screws.



KNOB SPINDLES



Wrought Steel

Per dozen

No. 32—Straight; ⅞ in.; 3¾ in. long.....\$1.20



Wrought Steel

Per dozen

No. 31—Swivel; ⅞ in.; 4 in. long.....\$2.70



Wrought Steel

Per dozen

No. 35—Swivel; ⅞ in. ends; ⅜ in. centers; 4 in. long....\$3.50



Wrought Steel

Per dozen

No. 32½—Straight; ⅞ in.; 3¾ in. long; screwless, Model F at one end.....\$1.60



Wrought Steel

Per dozen

No. 32F—Straight; ⅞ in.; 3¾ in. long; screwless, Model F at both ends.....\$1.60



Wrought Steel

Per dozen

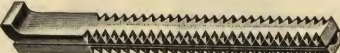
No. 31F—Swivel; ⅞ in.; 4 in. long; screwless; Model F at both ends.....\$3.00



Wrought Steel

Per dozen

No. 35F—Swivel; ⅞ in. ends; ⅜ in. centers; 4½ in. long; screwless; Model F at both ends.....\$3.50



Wrought Steel

For locks operated by knob from one side only.

Per dozen

No. 30F—⅞ in.; screwless; Model F.....\$3.00

KNOB SCREWS



Steel
Length $\frac{3}{8}$ in. Per gross
No. 3—Blued\$0.54
One gross in a box.

GRUB SCREWS



Hardened steel; flat end, $\frac{1}{8}$ in.; for Model F spindles.

Per gross
No. OB275—Dull brass\$1.60
One gross in a box.

KNOB WASHERS



Wrought Steel
Size, in. $\frac{1}{8}$
Per lb.\$1.50
One pound in a box.

LOCK SPRINGS



Check Spring Per 100
No. 5234— $1\frac{1}{8}$ in. long\$2.10
Two dozen in a box.



Flat Steel
Width, inches $\frac{3}{8}$ $\frac{1}{4}$
Per coil\$0.30 $\frac{30}{100}$
Five feet in a coil.

LOCK STRIKES



Wrought Steel
Length $3\frac{1}{2}$ in. For mortise locks.

Per 100
No. 5161—Lacquered ..\$4.70

Wrought Steel
Length $4\frac{1}{4}$ in. For mortise locks and latches.

Each
No. B6341—Polished brass\$0.24

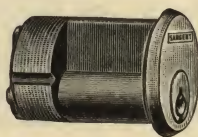
Wrought Brass

Length 5 in. For mortise cylinder locks and latches.

Each
No. B6745—Polished brass\$0.70
Two dozen in a box.

LOCK CYLINDERS

MORTISE



Cast Bronze
Dull Brass Finish

Nos. ....OB42	OB44
Length under head,	
Without bit, in. $1\frac{1}{8}$	$1\frac{3}{8}$
Including bit, in. $1\frac{1}{4}$	$1\frac{1}{2}$
Weight each, lbs. $\frac{1}{8}$	$\frac{1}{4}$
Each .....\$2.40	2.40
Open stock.	

KEY BLANKS



Nickel Bronze
Per dozen
No. 8—For Yale 5 pin locks.....\$0.80



Nickel Bronze
Per dozen
No. $10\frac{1}{2}$ —For Yale 4 pin locks.....\$0.80



Nickel Bronze
Per dozen
No. 385—For Yale Nos. 937 and 938 latches\$0.80



Brass
Per dozen
No. 421—For Yale No. 21 latch....\$0.80



Nickel Bronze
Per dozen
No. $13\frac{1}{2}$ —For Yale padlocks\$0.80



Nickel Bronze
Per dozen
No. $27\frac{1}{2}$ —For Yale padlocks.....\$0.80



Nickel Bronze
Per dozen
No. $33\frac{1}{2}$ —For Yale padlocks.....\$0.80



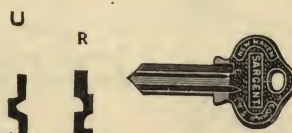
Nickel Bronze
Per dozen
No. 713—For Yale padlocks.....\$0.80



Brass
Per dozen
No. 9298A—For disc-tumbler locks.\$0.80



Nickel Silver
Per dozen
No. F258B—For Sargent cylinders.\$0.80



Nickel Silver
Per dozen
No. 265B-R—For Sargent cylinders.\$0.80
No. 265B-U—For Sargent cylinders. .80
All above average weight per dozen
 $\frac{3}{8}$ pound.
All above, three dozen in a box.

KEY BLANKS



Nickel Silver
Per dozen
No. 4197—For cylinder locks\$0.80



Nickel Silver
Per dozen
No. 1804—For cylinder locks\$0.80



Nickel Bronze
Per dozen
No. B332—For hotel locks\$8.00



Steel
Per dozen
No. 43—For Yale latches\$0.30



Steel
Per dozen
No. 8502—Door key blank\$0.40



Steel
Per dozen
No. S240—For rim locks.....\$1.60



Steel
Per dozen
No. S140—For mortise locks.....\$1.60



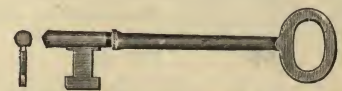
Steel
Per dozen
No. S145—For mortise locks\$1.60



Steel
Per gross
No. C340B—For mortise locks....\$11.80



Malleable Iron, Nickel Plated
Per gross
No. 7792—For rim locks\$6.00



Malleable Iron, Nickel Plated
Per dozen
No. 7792 $\frac{1}{2}$ —For rim locks\$0.50
All above, three dozen in a box.

LOOSE PIN BUTTS

REGULAR WEIGHT, BALL BEARING

Wrought Steel, Ball Tips

Equipped with two non-detachable ball bearing washers which prevent wear and insure easy and noiseless operation.

No. BB241-D2—Antique Copper

Size, in.	ⓕ4x4	4½x4½
Screw holes	8	8
Size screws, Nos.	10	10
Wt. pair, lbs.	1¼	2¼
Per pair	\$1.00	1.50
Size, in.	ⓕ5x5	ⓕ6x6
Screw holes	10	10
Size screws, Nos.	12	14
Wt. pair, lbs.	3	4¾
Per pair	\$2.25	3.80

No. BB241-F—Dull Brass

Size, in.	ⓕ4x4	4½x4½	ⓕ5x5	ⓕ6x6
Per pair	\$1.00	1.50	2.25	3.80

One pair in a box, with screws.

REGULAR WEIGHT, PLAIN BEARING

Wrought Steel, Ball Tips

Five knuckles, non-rising pin.

No. 241-D2—Antique Copper

Size, in.	2½x2½	3x3	3½x3½
Screw holes ..	6	6	6
Size screws, Nos.	8	8	9
Wt. pair, lbs.	½	¾	1½
Per pair	\$0.30	.30	.31

Size, in.	4x4	4½x4½	5x5
Screw holes	8	8	10
Size screws, Nos.	10	10	12
Wt. pair, lbs.	1¼	2¼	3
Per pair	\$0.44	.96	1.76

No. 241-F—Dull Brass

Size, in.	2½x2½	3x3	3½x3½	4x4	4½x4½	5x5
Per pair	\$0.30	.30	.31	.44	.96	1.76

No. 241-SF4—Sanded Brass, Oxidized and Relieved

Size, in.	2½x2½	3x3	3½x3½	4x4	ⓕ4½x4½	ⓕ5x5
Per pair	\$0.38	.42	.42	.55	1.10	1.90

No. 241-N—Nickel Plated

Size, in.	2½x2½	3x3	3½x3½	ⓕ4x4	ⓕ4½x4½	ⓕ5x5
Per pair	\$0.42	.46	.47	.60	1.20	2.00

ⓕNo. 241-N5—Dull Nickel

Size, in.	2½x2½	3x3	3½x3½	4x4	4½x4½	5x5
Per pair	\$0.42	.46	.47	.60	1.20	2.00

2½x2½ in., three pairs; larger sizes one pair in a box, with screws.

Wrought Steel, Ball Tips

Five knuckles.

No. 731½-J—Japanned

Size, in.	2½x2½	3x3
Screw holes	6	6
Size screws, Nos.	8	8
Wt. pair, lbs.	½	¾
Per pair	\$0.29	.30
Size, in.	3½x3½	4x4
Screw holes	6	8
Size screws, Nos.	9	10
Wt. pair, lbs.	1¼	1¾
Per pair	\$0.31	.43

2½x2½ in., three pairs; larger sizes, one pair in a box, with screws.

NOTE—Goods Marked ⓕ Not Carried in Stock, but Shipped Direct from Factory.

All Prices on This Page are Factory Lists

LOOSE PIN BUTTS

REGULAR WEIGHT, HALF SURFACE

Wrought Steel, Ball Tips

Beveled edges; reversible.

No. 165-D2—Antique Copper

Length joint, in.	1½	2	2½	3	3½	4
Screw holes	4	5	6	6	6	8
Size screws, Nos.	5	7	8	8	9	10
Wt. pair, lbs.	¼	½	¾	1	1½	2
Per pair	\$0.21	.33	.44	.45	.46	.66

No. 165-F—Dull Brass

Length joint, in.	1½	2	2½	3	3½	ⓕ4
Per pair	\$0.21	.33	.44	.45	.46	.66

No. 165-SF4—Sanded Brass, Oxidized and Relieved

Length joint, in.	1½	2	2½	3	3½	ⓕ4
Per pair	\$0.29	.41	.52	.56	.57	.77

No. 165-N—Nickel Plated

Length joint, in.	1½	2	2½	3	3½	ⓕ4
Per pair	\$0.33	.45	.56	.62	.62	.82

ⓕNo. 165-N5—Dull Nickel

Length joint, in.	1½	2	2½	3	3½	4
Per pair	\$0.33	.45	.56	.62	.62	.82

1½, 2 and 2½ in., three pairs; larger sizes, one pair in a box, with screws.

LIGHT WEIGHT

Wrought Steel, Ball Tips

For cupboards, book cases, medicine cabinets, etc.

No. 289-D2—Antique Copper

Size, in.	2x2	2½x2½
Screw holes	4	6
Size screws, Nos.	6	6
Wt. doz. prs., lbs.	2½	3¾
Per dozen pairs	\$2.15	2.50

No. 289-F—Dull Brass

Size, in.	2x2	2½x2½
Per dozen pairs	\$2.15	2.50

No. 289-N—Nickel Plated

Size, in.	2x2	2½x2½
Per dozen pairs	\$3.25	3.60

ⓕNo. 289-CM—Chromium Plated

Size, in.	2x2	2½x2½
Per dozen pairs	\$6.75	7.10

One-half dozen pairs in a box, with screws.

LIGHT WEIGHT, NARROW

Wrought Steel, Ball Tips

For cupboards, book cases, medicine cabinets, etc. 1½ in. size has three knuckles.

No. 295-D2—Antique Copper

Length joint, in.	1½	2	2½
Width open, in.	1⅞	1⅞	1⅞
Screw holes	4	4	6
Size screws, Nos.	5	6	6
Wt. doz. prs., lbs.	1¼	2¼	3
Per dozen pairs	\$1.70	1.90	2.30

No. 295-F—Dull Brass

Length joint, in.	1½	2	2½
Per dozen pairs	\$1.70	1.90	2.30

ⓕNo. 295-SF4—Sanded Brass, Oxidized and Relieved

Length joint, in.	1½	2	2½
Per dozen pairs	\$2.35	2.55	2.95

No. 295-N—Nickel Plated

Length joint, in.	1½	2	2½
Per dozen pairs	\$2.80	3.00	3.40

ⓕNo. 295-CM—Chromium Plated.

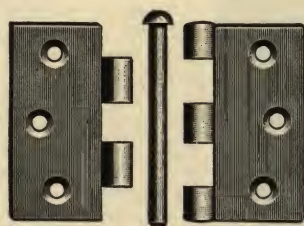
Length joint, in.	2	2½
Per dozen pairs	\$6.50	6.90

One-half dozen pairs, in a box, with screws.

WROUGHT STEEL BUTTS

REGULAR WEIGHT

Loose Pin, Oval Tip
No. 804—Plain Steel;
Without Screws



Size, in.	2x2	2½x2½
Screw holes ..	4	6
For scrw., Nos.	7	8
Wt. doz. prs.,		
lbs.	3	5
Per doz. prs..	\$1.35	1.50
Size, in.	3x3	3½x3½
Screw holes ..	6	6
For scrw., Nos.	8	9
Wt. doz. prs.,		
lbs.	7	11
Per doz. prs..	\$1.55	1.65

2x2 to 3x3 in., one dozen pairs, 3½x3½ in., one-half dozen pairs in a box.

No. 1334—Galvanized; Brass Pin; with Screws

Size, in.	3x3
Per pair	\$0.35

One pair in a box.

LIGHT WEIGHT, NARROW

Loose Pin

1½ and 2 in. sizes have three knuckles.

No. 840—Plain Steel; Without Screws

Length, in.	1½	2	2½	3
Width open, in.	1½	1¾	1½	2
Screw holes	4	4	6	6
For screws, Nos.	5	6	6	7
Wt. doz. prs., lbs.	¾	1¾	2¾	3¾
Per dozen pairs.....	\$0.60	.70	.85	1.25

Fast Pin

1 to 2 in. sizes have three knuckles.

No. 838—Plain Steel; Without Screws

Length, in.	1	1½	1½	2	2½	3
Width open, in. ..	1	1½	1¾	1¾	1½	2
Screw holes	4	4	4	4	6	6
For Screws, Nos..	3	4	5	6	6	7
Wt. doz. prs., lbs.	½	¾	¾	1¾	2¾	3¾
Per dozen pairs.\$0.35	.40	.50	.60	.75	1.10	

One dozen pairs in a box.

REGULAR WEIGHT, BROAD

Fast Pin

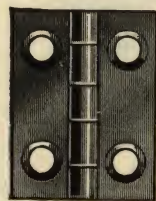
No. 808—Plain Steel; Without Screws

Size, in.	2½x2½	3x3
Screw holes	6	6
For screws, Nos.	8	8
Wt. doz. prs., lbs.....	5	7
Per dozen pairs	\$1.50	1.60

One dozen pairs in a box.

WROUGHT BRASS BUTTS

NARROW



Steel Pin

Size, in.	¾	1	1½	1½	2
Width open, in.	¾	¾	¾	¾	1
Screw holes ...	4	4	4	4	6
For screws, Nos.	2	2	3	4	5
Wt. dz. prs., lbs.	⅞	⅞	¾	¾	1
Per doz. pairs.\$0.28	.32	.46	.52	.80	

MIDDLE Steel Pin

Size, in.	¾	1	1½	1½	2
Width open, in.	¾	¾	¾	1	1½
Screw holes	4	4	4	4	6
For screws, Nos.	2	2	3	4	5
Wt. dozen pairs, lbs.	¼	⅞	⅞	¾	1½
Per dozen pairs	\$0.30	.38	.48	.60	.92

One dozen pairs in a box, without screws.

All Prices on This Page are Factory Lists

WROUGHT STEEL BUTTS

LIGHT



Fast Pin

Designed for use on cabinets, screens or for general utility work.

No. 842—Plain Steel; Without Screws

Length joint, in.	1¼	1½
Width open, in.	1⅞	2⅞
Screw holes	6	6
For screws, Nos.	5	5
Weight dozen pairs, lbs.	1	1¾
Per dozen pairs	\$0.80	.95

One dozen pairs in a box.

TABLE HINGES



Wrought Steel, Fast Pin, Flush

Riveted

No. 810—Plain Steel; Without Screws

Length joint, in.....	1½	1½	1½
Length long leaf, in.	1½	1½	1½
Length short leaf, in.	1½	1½	1½
Screw holes	6	6	6
For screws, Nos.	7	7	8
Weight dozen pairs, lbs.....	1½	2	2½
Per dozen pairs	\$0.90	1.00	1.15

One dozen pairs in a box.

BACK FLAP HINGES



Wrought Steel; Fast Pin

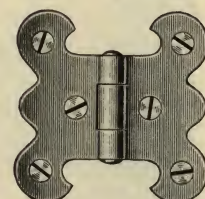
No. 814—Plain Steel; Without

Screws

Length joint, in.	1	1½	1½
Width open, in.	2⅞	3¼	3⅞
Screw holes	6	6	6
For screws, Nos.	6	7	8
Weight dozen pairs, lbs.	1½	2¼	2¾
Per dozen pairs	\$0.85	1.10	1.40

One dozen pairs in a box.

REFRIGERATOR HINGES



Wrought Steel, for Flush Doors

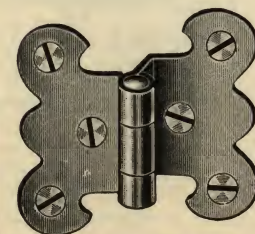
Length joint 1⅞ in., size open 2½x2½ in.

Per dozen pairs

No. 1420-A—Bright bronze; weight

per dozen pairs 3¾ lbs.....\$4.40

One dozen pairs in a box, with screws.



Wrought Steel, for Lipped Doors

Length joint 1⅞ in., size open 2½x 2 in., offset ⅞ in.

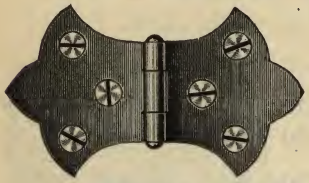
Per dozen pairs

No. 1422-A—Bright bronze; wt.

per dozen 3¾ lbs.....\$4.65

One dozen pairs in a box, with screws.

CABINET HINGES



Wrought Steel;
Fast Pin

No. 1490-D2—Antique Copper
Length joint, in..... 3/4 1
Width open, in..... 2 3/8 3 1/8
Wt. dozen pairs, lbs.... 7/8 1 5/8
Per dozen pairs.....\$0.85 1.05

No. 1490-F—Dull Brass
Length joint, in..... 3/4 1
Per dozen pairs.....\$0.85 1.05
One dozen pairs in a box, with screws.

ORNAMENTAL HINGES



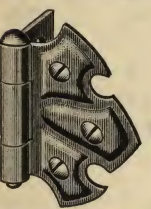
Wrought Steel; Fast Pin

Length joint 1 1/4 in., width open 3 in.
Per dozen pairs
No. 1431-D2—Antique copper\$1.40
No. 1431-F —Dull brass 1.40
No. 1431-N —Nickel plated 1.65
Weight per dozen pairs 1 7/8 pounds.
One dozen pairs in a box, with screws.



Wrought Steel;
Fast Pin

Length joint 1 1/2 in., width open 2 1/2 in.
Per dozen pairs
No. 1478-D2—Antique copper\$1.40
No. 1478-F —Dull brass 1.40
No. 1478-N —Nickel plated 1.65
Weight per dozen pairs 2 1/8 pounds.
One dozen pairs in a box, with screws.



Wrought Steel;
Loose Pin

Length joint 1 1/2 in., width jamb leaf 3/4 in., width door leaf 1 1/4 in.
Per dozen pairs
No. 1479-D2—Antique copper\$1.40
No. 1479-F —Dull brass 1.40
No. 1479-N —Nickel plated 1.65
Weight per dozen pairs 1 7/8 pounds.
One dozen pairs in a box, with screws.

BOX HINGES



Wrought Brass
Size 2 5/8 x 5/8 in.

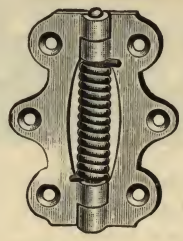
Per dozen pairs
No. 02112 1/4—Buffed and lacquered;
weight per dozen pairs 1 5/8 lb...\$2.00
Three dozen pairs in a box.



Wrought Brass
Size 3 x 1 1/2 in.

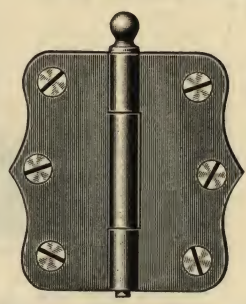
Per dozen pairs
No. 02109 1/4—Buffed and lacquered;
weight per dozen pairs 5/8 lb...\$4.00
Three dozen pairs in a box.

SHOW CASE SPRING HINGES



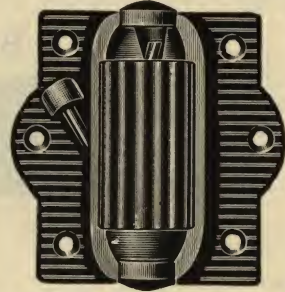
Wrought Brass
Length 2 3/8 in., width open 1 7/8 in.
Per dozen pairs
No. 1—Natural finish;
weight per dozen pairs 2 1/2 lbs. ..\$3.00
One dozen pairs in a box.

SCREEN DOOR HINGES



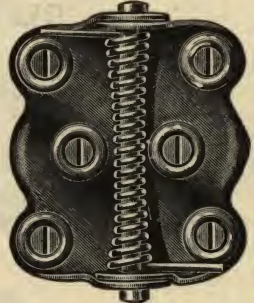
Wrought Steel;
Loose Pin
One leaf countersunk on both sides permitting application on various types of doors.
Size 3 x 2 3/4 in.

Per dozen pairs
No. 1751-J —Japanned\$2.20
No. 1751-D2—Antique copper 2.70
No. 1751-F —Dull brass 2.70
Weight per dozen pairs 7 1/4 pounds.
One-half dozen pairs in a box, with screws.



Cast Iron,
Holdback
Size 3 1/4 x 3 1/4 in.

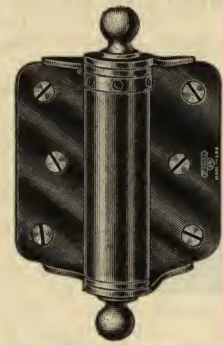
Per dozen pairs
No. 700—Japanned; wt. per dozen pairs 10 1/4 lbs.....\$2.10
One-half dozen pairs in a box.



Wrought Steel;
Fast Pin
Size 3 x 2 1/2 in.

Per dozen pairs
No. 150-J—Japanned without screws\$1.45
No. 150-D2—Antique copper; with screws 2.50
No. 150-F—Dull brass; with screws. 2.50
Weight per dozen pairs 5 1/2 pounds.
One-half dozen pairs in a box.

SCREEN DOOR HINGES



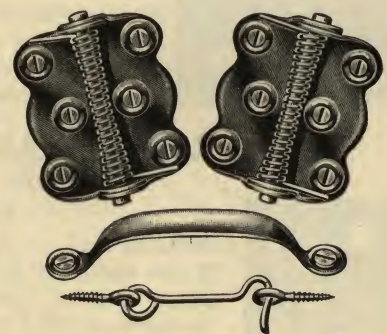
Wrought Steel; Fast Pin; Adjustable Tension
Tension of spring can be regulated to close door quickly or slowly.
For use on screen doors and also for wood lavatory stall doors with wood partitions.
Size 3 x 3 in.

Per pair
No. 154-D2—Antique copper\$0.72
No. 154-F —Dull brass72
Weight per pair 1 pound.
One pair in a box, with screws.

SCREEN DOOR SETS



Wrought Steel
Set consists of one pair 3 x 2 3/4 in. loose pin hinges, one 4 3/4 in. door pull, one 2 1/2 in. hook and eye and one No. 3 spring.
Per dozen sets
No. 1750-J —Japanned\$3.00
No. 1750-D2—Antique copper 3.45
No. 1750-F —Dull brass 3.45
Weight per dozen sets 11 1/2 pounds.
One set in a box, with screws; one dozen sets in a carton.



Wrought Steel
Set consists of one pair 3 x 2 1/2 in. fast pin spring hinges, one 4 3/4 in. door pull, and one 2 1/2 in. hook and eye.
Per dozen sets
No. 1156-J —Japanned\$2.35
No. 1156-D2—Antique copper 3.30
No. 1156-F —Dull brass 3.30
Weight per dozen sets 7 pounds.
One set in a box, with screws.

SPRING BUTT HINGES CHICAGO, DOUBLE ACTING



Wrought Steel

Designed with a large power spring, which is concealed when the door is closed. Recommended for large doors subject to heavy and frequent service. Presents a neat and finished appearance as the projecting joints are small.

When doors are narrow and located inside a spring butt may be used at top and a springless butt (described below) used at bottom.

No. 1½—Japanned Dead Black

For doors, in.....	¾ to 1	1½ to 1¼
Weight pair, lbs....	4¾	5¾
Per pair	\$3.70	4.40

For doors, in.....	1½ to 1¼	
Weight pair, lbs.	10	
Per pair	\$5.20	

No. 171½—Antique Copper

For doors, in.....	¾ to 1	1½ to 1¼
Weight pair, lbs....	4¾	5¾
Per pair	\$5.00	6.00

For doors, in.....	1½ to 1¼	
Weight pair, lbs.	10	
Per pair	\$7.00	

No. 281½—Dull Brass

For doors, in.....	¾ to 1	1½ to 1¼
Weight pair, lbs....	4¾	5¾
Per pair	\$5.00	6.00

For doors, in.....	1½ to 1¼	
Weight pair, lbs.	10	
Per pair	\$7.00	

One pair in a box, with screws and tension adjuster.

SPRINGLESS BUTT HINGES

CHICAGO, DOUBLE ACTING



Wrought Steel

Used in connection with a Chicago spring butt hinge (described above) on narrow inside doors.

No. 3½—Japanned Dead Black

For doors, in.....	¾ to 1	1½ to 1¼
Weight pair, lbs.	1¾	1½
Per pair	\$1.90	2.20

For doors, in.....	1½ to 1¼	
Weight pair, lbs.	2¾	
Per pair	\$2.60	

No. 173½—Antique Copper

For doors, in.....	¾ to 1	1½ to 1¼
Weight pair, lbs.	1¾	1½
Per pair	\$2.50	3.00

For doors, in.....	1½ to 1¼	
Weight pair, lbs.	2¾	
Per pair	\$3.50	

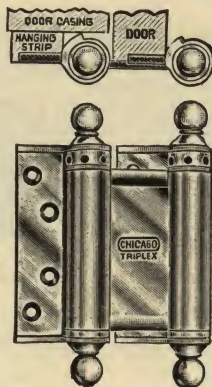
No. 283½—Dull Brass

For doors, in.....	¾ to 1	1½ to 1¼
Weight pair, lbs.	1¾	1½
Per pair	\$2.50	3.00

For doors, in.....	1½ to 1¼	
Weight pair, lbs.	2¾	
Per pair	\$3.50	

One pair in a box, with screws.

SPRING BUTT HINGES CHICAGO TRIPLEX, DOUBLE ACTING



Hanging Strip Required

Entire web and barrels made of one continuous piece of metal formed so that web has three thicknesses of metal and the barrels only one piece.

Suitable bearings where needed. Friction reduced to a minimum.

Best tempered steel springs of ample size and proper proportions.

No. 2001—Dead Black Japanned

Lgth. flanges, in..	3	4
For doors, in....	¾ to 1	¾ to 1¼
Wt. pair, lbs.	2¾	3¼
Per pair	\$3.70	4.40

Lgth. flanges, in..	5	6
For doors, in....	1½ to 1½	1¼ to 1¼
Wt. pair, lbs.	5	7½
Per pair	\$5.20	6.40

No. 2171—Antique Copper

Lgth. flanges, in..	3	4
For doors, in....	¾ to 1	¾ to 1¼
Wt. pair, lbs.	2¾	3¼
Per pair	\$5.00	6.00

Lgth. flanges, in..	5	6
For doors, in....	1½ to 1½	1¼ to 1¼
Wt. pair, lbs.	5	7½
Per pair	\$7.00	8.90

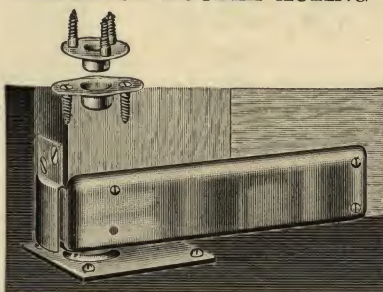
No. 2281—Dull Brass

Lgth. flanges, in..	3	4
For doors, in....	¾ to 1	¾ to 1¼
Wt. pair, lbs.	2¾	3¼
Per pair	\$5.00	6.00

Lgth. flanges, in..	5	6
For doors, in....	1½ to 1½	1¼ to 1¼
Wt. pair, lbs.	5	7½
Per pair	\$7.00	8.90

One pair in a box, with screws and tension adjuster.

FLOOR SPRING HINGES DEFIANCE DOUBLE ACTING



Holds door open at an angle of 90 degrees. Ball bearings carry weight of door and take spring thrust. Reversible side plates. Cam welded to floor plate.

Wrought Steel, Ball Bearing

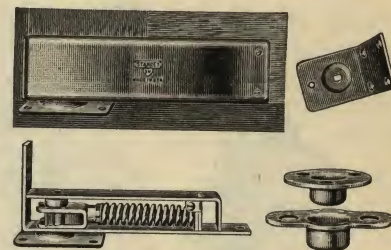
For doors 1½ to 1¼ in. thick.

Per set	
No. BB155-D2—Antique copper	\$0.83
No. BB155-F —Dull brass .....	.83

Weight per set 2½ pounds.

One set in a box, with screws.

FLOOR SPRING HINGES S-W, DOUBLE ACTING



Holds door open at an angle of 90 degrees. Ball bearings carry weight of door and take spring thrust.

Alignment of door can be adjusted after door is in place.

Wrought Steel; Ball Bearing

For doors 1½ to 1¼ in. thick.

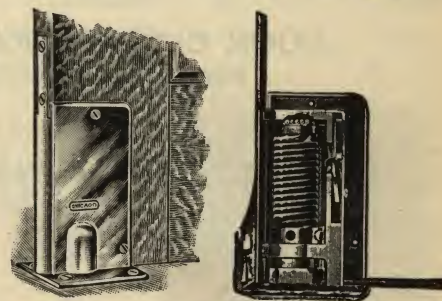
Per set	
No. BB157-D2—Antique copper	\$1.50

No. BB157-F —Dull brass	1.50
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Weight per set 3½ pounds.

One set in a box, with screws.

CHICAGO "RELAX," DOUBLE ACTING



Wrought Steel, Ball Bearing

Provided with a spring action release whereby the door may be placed open at any desired position without the use of a door holder. This eliminates the tendency of springs to lose their power as a result of remaining fixed at high tension when doors are held open by door holders.

By stepping on the lever, which is in a recess of the side plate, the spring action disengages and the door remains open wherever it is placed. Whenever the door passes over the closed position, the spring action automatically re-engages.

No. 6171—Antique Copper

For doors, in.	1½ to 1¼	1½ to 2
Weight set, lbs.	5¾	7¾
Per set	\$6.50	9.60

No. 6281—Dull Brass

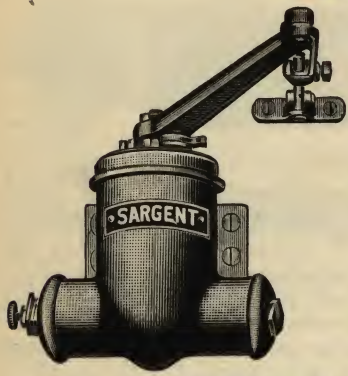
For doors, in.	1½ to 1¼	1½ to 2
Weight set, lbs.	5¾	7¾
Per set	\$6.50	9.60

Note—When Jamb Attaching Plates, for use in connection with concrete or tile floors, are desired add 15% to above prices and prefix letter J to number. Floor hinges with jamb attaching plates shipped direct from factory.

One set in a box, with screws and tension adjuster.

All Prices on This Page are Factory Lists

DOOR CLOSERS
SARGENT



For Right or Left Hand Doors

Universal checking, only one adjusting screw; hydraulic checking control.

Two-speed control, noiseless at latch or quick snappy action as desired. Any speed up to the latch, any speed at latching point.

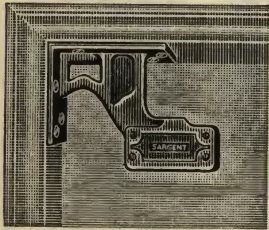
Long accurate shaft bearings above and below stuffing box and ample drain back chamber make closer leak proof.

Cast Iron, Dark Bronze Finish

- Factory Lists Each
- No. 41A—For ordinary screen and light interior doors; weight each 12½ lbs.\$ 8.65
 - No. 42B—For heavy screen doors and light inside doors; weight each 12¾ lbs. 11.00
 - No. 43C—For light outside doors; weight each 14½ lbs... 13.35
 - No. 44D—For ordinary outside doors; wt. each 16¾ lbs... 16.00
 - No. 45E—For heavy outside doors; weight each 25½ lbs. 21.35
 - No. 520—For screen and light inside doors; wt. each 4 lbs. 5.30

One in a box.

DOOR CLOSER BRACKETS
FOR SARGENT CLOSERS



No. 53—Corner Bracket

Dark bronze enamel.

For Closer Nos.	43C	44D	45E
Wt. each, lbs..	2	2½	4
Each	\$2.40	2.90	3.60

Open stock.

DOOR CLOSER SPRINGS
FOR SARGENT DOOR CLOSERS

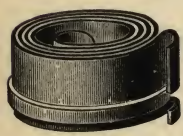


No. 109—Flat Steel Wire Coil

For Closer Nos.	41A	42B	43C
Weight each, lbs.....	1	1½	1¾
Each	\$0.80	1.00	1.10
For Closer Nos.	44D	45E	
Weight each, lbs.....	1¾	2½	
Each	\$1.40	2.15	

Note—Flat steel wire coil springs as illustrated above can be furnished for old types of Sargent closers. When ordering give number of closer for which spring is wanted.

Open stock



Clock Spring Type

No. 13—For old types of Sargent closers equipped with this spring.

For Closer Nos.	323	324
Weight each, lbs.....	1½	1¾
Each	\$1.10	1.40

Open stock.

DOOR CLOSER LIQUID
A Lubricating, Non-Freezing Liquid

Size can	1 Qt.	1 Gal.
Per can	\$1.70	5.30

SCREEN DOOR CLOSERS
"EVEREDY"

Right or left hand; air control; thumb screw closing speed adjustment; automatic stop for holding door ajar.

Double jointed door bracket makes installation easy.



Brass Tubing Barrel, Lacquered Finish;
Cadmium Plated Brackets

No. 2200—1¼x10 in. tube; weight each 1¾ lbs.....Each \$1.90

One in a carton.



Brass Tubing Barrel, Lacquered Finish;
Cadmium Plated Brackets

No. 1100—1x9½ in. tube; weight each 1½ lbs.....Each \$1.25

One in a carton.

SCREEN DOOR CHECKS

Cadmium Finish; Red Rubber Ball

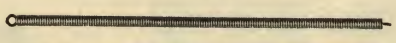
For use on screen doors employing a spring or spring hinge for closing. Automatically prevents slamming of door.

No. 77—One dozen in a display carton; wt. per carton 2¼ lbs.....Per dozen \$1.60

Two dozen display cartons, two gross, in a case.



DOOR SPRINGS
PERFECTION



Tempered Crucible Steel, Japanned
Coiled wire, with two screw hooks.

Nos.	3	4	5	6	7
Length, in.	16¾	16¾	16½	16½	16½
O. D., in.	¾	¾	¾	¾	¾
Weight dozen, lbs.....	2¼	2¾	3¼	4	5
Per dozen	\$0.55	.65	.75	.90	1.05

One dozen in a box.

GATE SPRINGS

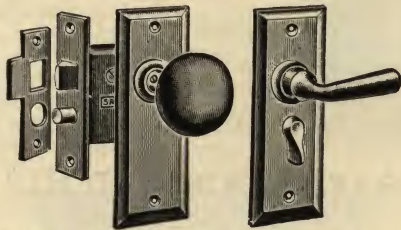


Tempered Crucible Steel, Japanned
Hook ends, with two staples.

No. A4122—16 in. long, 1½ in. outside diameter; weight per dozen 12½ lbs.Per dozen \$2.60

One-half dozen in a box.

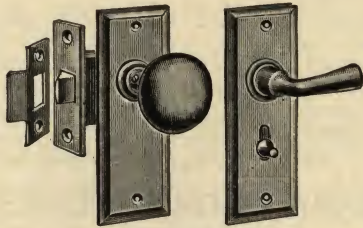
SCREEN DOOR LATCH SETS
MORTISE



Description— $2\frac{1}{4} \times 1\frac{1}{2} \times \frac{1}{2}$ in. japanned iron case, $1\frac{1}{8}$ in. backset; $3\frac{3}{8} \times 1\frac{1}{8}$ in. cast front, reversible; $4\frac{1}{2} \times 1\frac{1}{2}$ in. escutcheons, $1\frac{3}{4}$ in. knob, $1\frac{3}{4}$ in. lever handle; dead bolt operated by turn knob from inside only; for doors $\frac{7}{8}$ to $1\frac{1}{2}$ in. thick.

Wrought Steel Trim, Iron Latch Front
Per dozen sets
No. AB5473TC—Antique copper...\$17.30
No. OB5473TC—Dull brass..... 17.30
No. RD5473TC—Sanded brass, oxidized 19.20

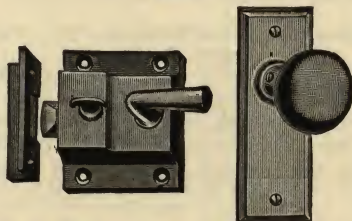
Wrought Brass Trim, Brass Latch Front
Per dozen sets
No. AB5973TC—Antique copper...\$28.00
No. OB5973TC—Dull brass..... 28.00
No. RD5973TC—Sanded brass, oxidized 31.00
Weight per dozen sets 12 pounds.



Description— $1\frac{3}{8} \times 1\frac{3}{8} \times \frac{1}{2}$ in. japanned iron case, $1\frac{1}{4}$ in. backset, $2\frac{5}{8} \times 1\frac{1}{8}$ in. cast front, reversible; $4\frac{1}{2} \times 1\frac{1}{2}$ in. escutcheons, $1\frac{3}{4}$ in. knob, $1\frac{3}{4}$ in. lever handle; slide stop on inside escutcheon; for doors $\frac{7}{8}$ to $1\frac{1}{2}$ in. thick.

Wrought Steel Trim, Iron Latch Front
Per dozen sets
No. AB5475TC—Antique copper...\$9.25
No. OB5475TC—Dull brass..... 9.25
Weight per dozen sets 9 pounds.

RIM

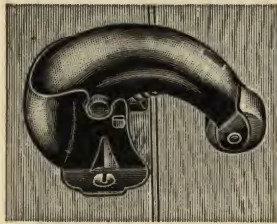


Description— $2\frac{1}{4} \times 1\frac{1}{8}$ in. case, $4\frac{1}{2} \times 1\frac{1}{2}$ in. escutcheon, $1\frac{3}{4}$ in. knob, $1\frac{1}{4}$ in. lever handle; for doors $\frac{7}{8}$ to $1\frac{1}{4}$ in. thick. For doors opening out only.

Cast Iron Catch, Wrought Steel Escutcheon and Knob

Per dozen sets
No. AB6464TC—Antique copper...\$8.80
No. OB6464TC—Dull brass..... 8.80
Weight per dozen 7 pounds.
All above, one set in a box, with screws.

SCREEN DOOR CATCHES
S-W SNAPPY



Wrought Steel, Soft Rubber Rollers

Enclosed working parts, no projecting edges to catch and tear clothing.

Door in closing strikes the inside rubber roller, which acts as a trigger, setting off the spring. Outer rubber roller catches the door, closes it and holds it shut.

Per dozen
No. 210J—Japanned; wt. per dozen 3 lbs.\$3.50
One in a box, with screws; one dozen in a display carton.

S-W



Wrought Steel; Rubber Rollers

Operates in the same manner as No. 210 described above.

Per dozen
No. 207J—Japanned; wt. per dozen $1\frac{3}{4}$ lbs.\$1.60
One dozen in a box, with screws.

DOOR BUTTONS

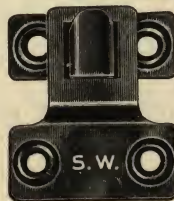


No. 4J—Wrought Steel, Japanned

Length, in.	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Weight gross, lbs..	$1\frac{3}{4}$	$1\frac{1}{2}$	$2\frac{1}{2}$
Per gross	\$1.20	1.30	1.45

One gross in a box.

SCREEN HANGERS



Wrought Steel

For full length screens. Set consists of 2 eye plates and 2 hook plates.

Size eye plate $2 \times 1\frac{1}{8}$ in. size hook plate $1\frac{1}{8} \times \frac{3}{4}$ in.

Per dozen sets
No. 1724J—Japanned; weight per dozen sets 2 lbs.\$0.95
One dozen sets in a box, with screws.

STORM SASH HANGERS



Wrought Steel

For full length sash or screens.

Set consists of 2 eye plates and 2 hook plates.

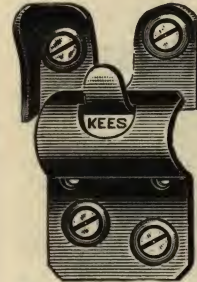
Size eye plate $2\frac{3}{4} \times 1$ in., size hook plate $1\frac{1}{8} \times \frac{7}{8}$ in.

Per dozen sets
No. 0717J—Japanned; weight per dozen sets $3\frac{1}{4}$ lbs.\$2.00
One dozen sets in a box, with screws.

EYES ONLY

Per dozen pairs
No. 0717EJ—Japanned\$0.80
One dozen pairs in a box, with screws.

STORM SASH HANGERS
GOSSETT



Wrought Steel

For full length sash or screens.

Set consists of 2 eye plates and 2 hook plates.

Length eye plate 2 in., width hook plate $1\frac{3}{4}$ in.

Per dozen sets
No. 20J—Japanned; wt. per dozen sets $2\frac{1}{2}$ lbs.\$1.00
One dozen sets in a box, with screws.

EXTRA EYES FOR GOSSETT HANGERS



Wrought Steel

For use on screens to make storm sash and screens interchangeable. Length 2".

Per dozen pairs
No. 15J—Japanned; wt. dozen pairs $1\frac{1}{4}$ lbs.\$0.60

One dozen pairs in a box, with screws.

SCREEN FASTENERS



Wrought Steel

Illustration one-half actual size.

Per dozen
No. 1-FC—Cadmium plated; wt. dozen $\frac{1}{2}$ lb.\$0.70

Two dozen in a box, with screws and screw eyes.

STORM SASH FASTENERS



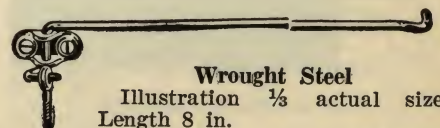
Wrought Steel

A fastener is applied to each side of the sash and casing. When sash is closed fasteners are firmly locked by engaging with the pin in casing. Prevents sash from rattling.

No. 1719J—Japanned

Length, in.	5	10
Wt. dozen pairs, lbs...	$3\frac{1}{2}$	$5\frac{1}{2}$
Per dozen pairs.....	\$3.00	3.00

One dozen pairs in a box, with screws and pins; six rights and six lefts.



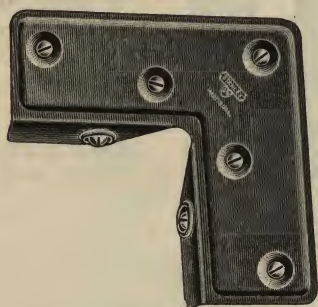
Wrought Steel

Illustration $\frac{1}{2}$ actual size. Length 8 in.

Per dozen
No. 2-FC—Cadmium plated; weight per dozen $1\frac{1}{2}$ lbs.\$1.10

One dozen in a box, (6 rights and 6 lefts), with screws and screw eyes.

SCREEN CORNER BRACES ON DISPLAY CARDS



For reinforcing window screens and screen doors. Flanges on sides square corners and also help brace joints. Easily applied and prolong the life of the screen.

Wrought Steel, Japanned

Set consists of 4 corners, without screws.

Per dozen sets
No. 29-J—Length sides $3\frac{1}{4}$ in., width $1\frac{1}{8}$ in.; wt. per doz. sets 3 lbs. \$1.50
One dozen sets in a box.

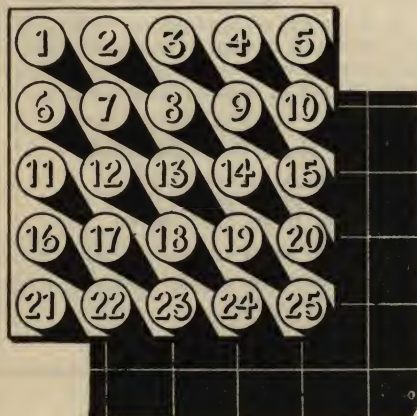
SCREEN DOOR BRACES NON-SAG



Wrought
Steel Rod,
Malleable
Iron Turn-
Buckle,
Japanned

Per dozen
No. 9219—42 in.; wt. per doz. $2\frac{1}{2}$ lbs. \$1.30
No. 9220—21 in.; wt. per doz. $1\frac{3}{4}$ lbs. 1.10
One dozen in a carton.

NUMERAL THUMB TACKS

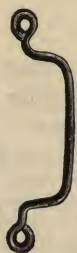


Brass Heads, Rustless

Per dozen blocks
No. 25—Figures 1 to 25 on block;
wt. doz. blocks $\frac{5}{8}$ lb. \$7.20

No. 1100—Figures 1 to 100, 25 of
one number in a box... Per 100 2.00

DOOR PULLS



No. 1420

Steel Wire

Length $4\frac{5}{8}$ in.

Per gross
No. 1420—Brass plated:
wt. per gross $6\frac{1}{2}$ lbs. \$2.40
One-half gross in a box.

Wrought Steel

Length $4\frac{1}{8}$ in.

Per dozen
No. AB2461—Antique cop-
per \$0.60

No. OB2461—Dull brass.. .60
Weight per dozen $\frac{5}{8}$ pound.
Three dozen in a box, with
screws.



No. 482

Wrought Steel, Japanned

Nos.	482J-2	482J-3
Length, in.	$5\frac{3}{4}$	$6\frac{1}{2}$
Width ends, in. ...	$1\frac{1}{2}$	$1\frac{3}{4}$
Wt. doz., lbs.	$2\frac{1}{8}$	$2\frac{3}{4}$
Per dozen	\$2.15	2.30

One dozen in a box, with
screws.

Cast Iron

Length 6 in.

Per dozen
No. 504—Japanned; wt.
per doz. $4\frac{3}{4}$ lbs. \$1.60
One dozen in a box.



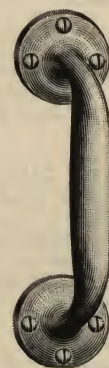
No. 504

Cast Bronze

Length over all $7\frac{1}{2}$ in., $5\frac{1}{2}$
in. from center to center of
bases.

Each
No. AB1535 — Antique
copper \$2.20
No. OB1535—Dull brass 2.20

Weight per dozen 15 pounds.
One-sixth dozen in a box,
with screws.



No. 1535

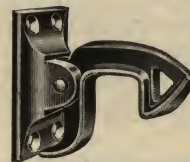
FLUSH DOOR PULLS



Cast Iron, Japanned

Per dozen
No. 500— $3\frac{3}{4}$ x $2\frac{1}{2}$ in.,
required mortise
1 in. deep; wt. per
doz. $4\frac{1}{4}$ lbs. \$1.90
One dozen in a box.

BARN DOOR CATCHES GRAVITY



Cast Iron, Japanned

Per dozen
No. 6305— $3\frac{1}{8}$ x $1\frac{1}{8}$
in. base, $3\frac{1}{2}$ in.
projection; wt.
per doz. $7\frac{1}{2}$ lbs.
..... \$2.30
One dozen in a box.

THUMB LATCHES



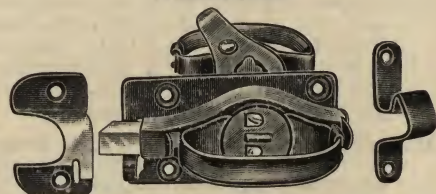
Wrought Steel, Japanned
With padlock attach-
ment.

No. 1260J-2
Lgth. handle, in. $6\frac{3}{4}$
Latch bar, in. $4\frac{1}{2}$
For doors, in. $\frac{5}{8}$ to $1\frac{3}{4}$
Wt. doz., lbs. $5\frac{7}{8}$
Per doz. \$4.80

Nos.	1260J-3	1260J-4
Length handle, in.	$7\frac{1}{2}$	$8\frac{7}{8}$
Latch bar, in.	$5\frac{1}{2}$	$5\frac{1}{2}$
For doors, in.	$\frac{3}{4}$ to $1\frac{7}{8}$	1 to $2\frac{5}{8}$
Wt. per doz., lbs.	$8\frac{3}{4}$	$17\frac{3}{8}$
Per dozen	\$6.30	11.70

One in a box, with screws.

BARN DOOR LATCHES WHITCOMB



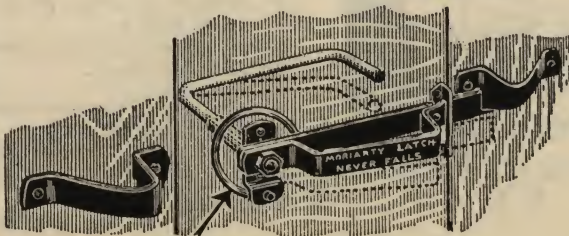
Two catches furnished with each latch
so that the door or gate can be held open
or closed.

Easily operated from either side.

Wrought Steel, Japanned, Two Extra
Large Handles

Per dozen
No. W— $6\frac{3}{4}$ in. long, with 2 catches
and padlock staples; wt. per
doz. 15 lbs. \$9.00
One in a carton, one dozen in a box.

MORIARTY



Never Breaks

Wrought Steel, Japanned

Tempered steel spring; catch
to hold door open.

Per dozen
No. M—Outside handle and
latch bar $\frac{7}{8}$ in. wide,
 $\frac{7}{8}$ in. thick, $10\frac{1}{2}$ in.
long, $\frac{7}{8}$ in. round steel
inside handle; wt. per
doz. 30 lbs. \$12.50

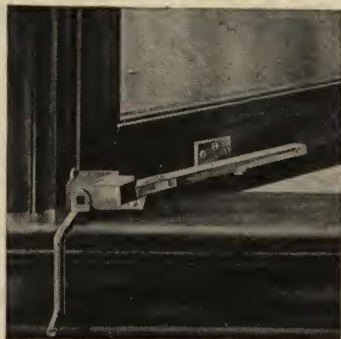
One in a box, with screws.

CASEMENT OPERATORS

RIXSON

For Hinged Windows Swinging Out

Permits the opening or closing of out swinging casement windows without disturbing the screen. Window is always locked in position and cannot be moved except by turning the handle. When closed window is held absolutely tight eliminating all rattles. May be mounted above or below the stool.



Cut shows a left hand operator.

Iron; Steel Driving Screw; Without Handle

Provides ample power to handle sash up to 2½ ft. wide. Each

No. 95-F2—Electro galvanized; wt. each 2 lbs.\$4.50

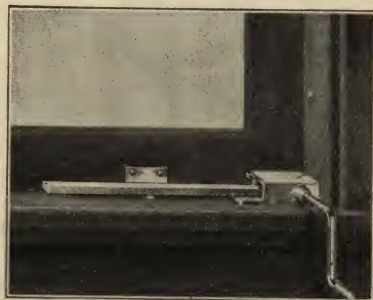
Note—Specify right or left hand when ordering.

Two in a carton.

Handles Only

Steel; interchangeable right or left hand. One handle may be used for any number of operators. Each

No. 5H—Steel, brass plated; wt. each ¾ lb.\$0.35



Cut shows right hand operator.

Steel; Hard Bronze Driving Screw; Without Handle

Locks sash in any position up to 90 degrees. May be used on stools 1½ in. wide or wider. Each

No. 94-F5P—Dull brass\$4.80

No. 94-F12P—Antique copper 4.80

No. 94-F14P—Nickel plated 4.80

Note—Specify right or left hand when ordering.

Weight each 1½ pounds.

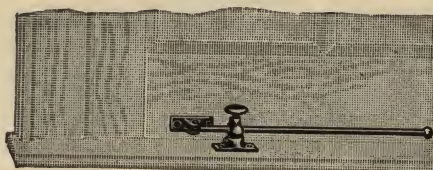
Two in a carton.

Handles Only

Steel; interchangeable right or left hand. One handle may be used for any number of operators. Each

No. 5H—Brass plated; wt. each ¾ lb.\$0.35

CASEMENT ADJUSTERS



Cast Iron

¾x12 in. rod. For casements opening out.

Per dozen

No. AB64—Antique copper\$7.00

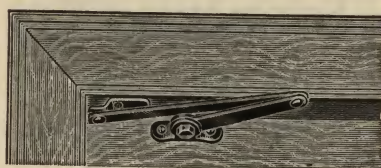
No. OB64—Dull brass 7.00

No. RD64—Sanded brass, oxidized and relieved 7.60

Weight per dozen 12 pounds.

One-half dozen in a box, with screws.

FRICITION STAYS



Wrought Steel

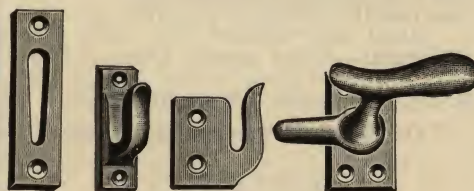
For doors and windows opening 180 degrees or less. May be used either right or left hand. With hexagon head bolt for adjusting the friction.

Per dozen

No. 228—Cadmium plated; wt. per doz. 5 lbs.\$11.00

One dozen in a box, with screws.

CASEMENT FASTENERS



Mortise Surface Strike Rim Strike Handle and Plate

Cast Iron

Size without strike 2x1½ in., projection over all 1¾ in.

With Rim Strike

Per dozen

No. AB143—Antique copper\$3.50

No. OB143—Dull brass 3.50

No. RD143—Sanded brass 3.75

With Mortise Strike

Per dozen

No. AB144—Antique copper\$3.50

No. OB144—Dull brass 3.50

No. RD144—Sanded brass 3.75

With Surface Strike

Per dozen

No. AB145—Antique copper\$3.50

No. OB145—Dull brass 3.50

No. RD145—Sanded brass 3.75

Weight per dozen 4 pounds.

One dozen in a box, with screws.

WINDOW SPRING BOLTS



Zinc Case, Steel Bolt, Cadmium Plated

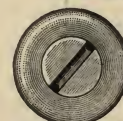
No. 237—Length over all 3¼ in.; wt. per gross 8 lbs.\$6.00
One-half gross in a box.



Zinc Case, Steel Bolt, Cadmium Plated

No. 238—Length over all 3¼ in.; wt. per gross 9 lbs.\$7.10
One-half gross in a box.

STOP SCREWS AND WASHERS



Wrought Steel

1¼ in. No. 8 flat head screw, rounded washer.

Per gross

No. AB34—Antique copper\$1.35

No. OB34—Dull brass 1.35

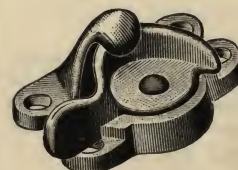
No. RD34—Sanded brass 1.45

No. N34—Nickel plated 1.45

Weight per gross 1½ pounds.

One gross in a box.

SASH FASTENERS



Cast Iron

Size of case 1½ x2½ in., size of strike 5/8x2¼ in.

Per dozen

No. AB154—Antique copper\$1.34

No. OB154—Dull brass 1.34

No. RD154—Sanded brass 1.45

No. N154—Nickel plated 1.45

Weight per dozen 2 pounds.

Cast Bronze

Size of case 1½x2½ in., size of strike 5/8x2½ in. Per dozen

No. AB257—Antique copper\$5.34

No. OB257—Dull brass 5.34

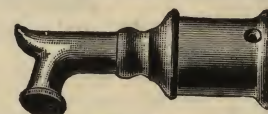
No. RD257—Sanded brass 5.95

No. CM258—Chromium plated12.00

Weight per dozen 2½ pounds.

One dozen in a box, with screws.

SASH POLE HOOKS



Cast Iron

Length 2¾ in.; diameter socket 1½ in.

Per dozen

No. OB48—Dull brass\$3.45

No. AB48—Antique copper 3.45

Weight per dozen 2 pounds.

One dozen in a box, with screws.

SASH PULL PLATES



Wrought Steel

Diameter 1 in.

Per dozen

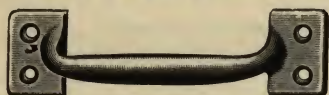
No. OB400—Dull brass\$1.46

No. BN400—Sanded dull black ... 1.46

Weight per dozen ½ pound.

Four dozen in a box, with screws.

BAR SASH LIFTS



Cast Iron

Size 1 1/4 x 4 in. Per dozen

No. AB412—Antique copper.....	\$0.88
No. OB412—Dull brass.....	.88
No. RD412—Sanded brass.....	1.00
No. N412—Nickel plated.....	1.00

Cast Bronze

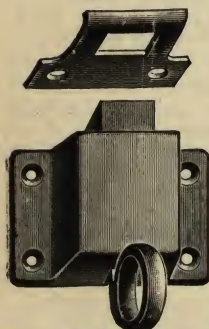
Size 1 1/4 x 4 in. Per dozen

No. OB812 1/4—Dull brass.....	\$4.55
No. RD812 1/4—Sanded brass.....	5.05
No. CM812—Chromium plated....	7.20

Weight per dozen 2 pounds.

One dozen in a box, with screws.

TRANSOM CATCHES

Wrought Steel,
Flat Strike

Size without strike
1 1/2 x 2 in.; end of lip
to center of opening
1/8 in.

Per dozen

No. AB2444 1/2—Antique copper.....	\$4.56
No. OB2444 1/2—Dull brass.....	4.56
No. RD2444 1/2—Sanded brass.....	4.90

Weight per dozen 2 1/2 pounds.

One dozen in a box, with screws.

TRANSOM LIFTERS

AUTOMATIC GRIP

Wrought Steel

For transom hung at
bottom or pivoted in cen-
ter.

No. 241—Brassed

1/4 in. rod. For light
transom.

Length rod, ft..	3	4
Wt. each, lbs..	7/8	1 1/8
Each	\$0.96	.96

No. AB261—Antique
Copper

1/4 in. rod. For light
transoms.

Length rod, ft.....	3
Each	\$1.18

No. OB261—Dull Brass

1/4 in. rod. For light
transoms.

Length rod, ft.....	3
Each	\$1.18

No. AB263—Antique
Copper

5/8 in. rod. For medium
transoms.

Length rod, ft.	4	5
Wt. each, lbs..	1 5/8	2
Each	\$1.37	1.64

No. OB263—Dull Brass

5/8 in. rod. For medium transoms.

Length rod, ft.....	4	5
Each	\$1.37	1.64

TRANSOM CHAINS



Steel

Length of chain 12 in.; size of plates
1 1/8 x 1 1/8 in.

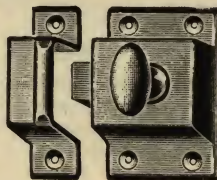
Per dozen

No. AB6—Antique copper.....	\$3.45
No. OB6—Dull brass.....	3.45

Weight per dozen 2 pounds.

One dozen in a box, with screws.

CUPBOARD TURNS



Wrought Steel

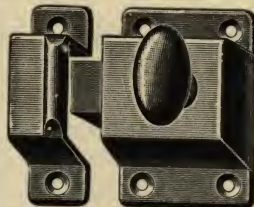
Size without strike 1 1/8 x 1 3/8 in.

Per dozen

No. AB4415—Antique copper.....	\$1.90
No. OB4415—Dull brass.....	1.90
No. RD4415—Sanded brass, oxi- dized and relieved.....	2.05
No. N4415—Nickel plated, bright...	2.05

Weight per dozen 2 pounds.

One dozen in a box, with screws.



Wrought Steel

Size without strike 2 1/8 x 1 7/8 in.

Per dozen

No. AB4425—Antique copper.....	\$1.90
No. OB4425—Dull brass	1.90
No. RD4425—Sanded brass, oxi- dized and relieved.....	2.05
No. N4425—Nickel plated, bright...	2.05

Wrought Bronze

Size without strike 2 1/8 x 1 7/8 in.

Per dozen

No. CM4825—Chromium plated ..	\$10.00
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Weight per dozen 2 1/2 pounds.

One dozen in a box, with screws.

ELBOW CATCHES



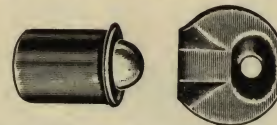
Cast Iron

Illustration
one-half ac-
tual size.

Per gross

No. 6300S—Japanned; weight per gross 9 lbs.....	\$11.30
One-sixth gross in a box, with screws.	

FRICTION DOOR CATCHES

Brass Shell, Steel Strike and Plunger
Varnish proof.

Per gross

No. 10 1/2 A—3/8 x 1/2 in., 5/8 in. diam- eter strike; weight per gross 1 1/8 lbs.	\$3.85
One gross in a box, with nails.	



Solid Brass; Adjustable

The small hole in the side of the plun-
ger permits adjusting with a small nail or
piece of wire.

Per gross

No. 22P—3/8 x 5/8 in., 1 1/8 x 1 1/8 in. strike; weight per gross 4 1/4 lbs.....	\$9.20
One gross in a box.	



Illustration one-half actual size.

Wrought Steel

Per dozen

No. 9760C—Dull brass.....	\$0.90
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Wrought Brass

Per dozen

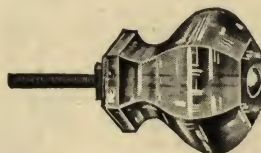
No. 9765C—Dull brass.....	\$1.55
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Weight per dozen 3/8 pound.

Two dozen in a box, with screws.

DRAWER KNOBS

GLASS



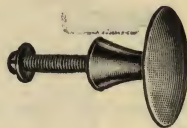
Crystal Glass

Nickel plated
bolt and nut.

Nos.	19	20	21
Size, in.	7/8	1 1/8	1 3/8
Weight dozen, lbs....	5/8	1	1 1/8
Per dozen	\$0.70	.80	1.30

Two dozen in a box.

DRAWER KNOBS METAL



Cast Bronze

Size $1\frac{1}{4} \times \frac{5}{8}$ in.

	Per dozen	
No. P116—Polished brass	\$1.50	
No. N116—Nickel plated	1.50	

Weight per dozen $1\frac{1}{2}$ pounds.

One dozen in a box, with machine screws.

WOOD



No. 107—Square; Unfinished

Complete with machine screw and washer.

Size, in.	1	$1\frac{1}{4}$	$1\frac{1}{2}$	
Weight dozen, lbs. ..	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	
Per dozen	\$0.30	.32	.35	

Three dozen in a box.



No. 102—Round; Unfinished

Complete with machine screw and washer.

Size, in.	1	$1\frac{1}{4}$	$1\frac{1}{2}$	
Weight dozen, lbs. ..	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	
Per dozen	\$0.60	.65	.70	

Three dozen in a box.

DRAWER PULLS



Cast Iron

Size $\frac{7}{8} \times 4$ in.

	Per dozen	
No. OB407—Dull brass	\$1.80	
No. AB407—Antique copper	1.80	
No. N407—Nickel plated	2.00	

Cast Bronze

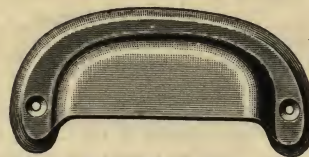
Size $\frac{7}{8} \times 4$ in.

	Per dozen	
ⓈNo. CM807—Chromium plated....	\$7.50	

Weight per dozen 2 pounds.

Two dozen in a box, with machine screws.

DRAWER PULLS



Wrought Steel

Size $1\frac{3}{8} \times 3\frac{1}{4}$ in.

	Per dozen	
No. AB4436—Antique copper	\$0.65	
No. OB4436—Dull brass .....	.65	
No. N4436—Nickel plated .....	.75	

Wrought Bronze

Size $1\frac{3}{8} \times 3\frac{1}{4}$ in.

	Per dozen	
No. AB4437—Antique copper	\$2.15	
No. OB4437—Dull brass	2.15	
No. CM4437—Chromium plated ...	3.20	

Weight per dozen $\frac{3}{4}$ pound.

Two dozen in a box, with screws.

LABEL HOLDERS AND PULLS



Wrought Brass

For 2x1 in. card.

	Per gross	
No. 5507 $\frac{1}{2}$ —Buffed and lacquered;		
wt. per gross $3\frac{1}{4}$ lbs.	\$14.00	

One-quarter gross in a box.

LABEL HOLDERS



For 2x1 in. card.

	Per gross	
No. 5508 $\frac{1}{2}$ —Buffed and lacquered;		
wt. per gross $2\frac{1}{4}$ lbs.	\$11.20	

One-quarter gross in a box.

CARD CLIPS



For $\frac{5}{8} \times 2\frac{3}{8}$ in. card.

	Per gross	
No. 25069—Plain brass; weight per		
gross 2 lbs.	\$5.80	

One-half gross in a box.

SAMPLE CASE CORNERS



Wrought Steel Brass Plated

Nos.	1777B	1776B	
Size, in.	$1\frac{1}{4}$	$1\frac{1}{2}$	
Wt. gross, lbs.	$3\frac{3}{8}$	$3\frac{3}{4}$	
Per gross	\$6.00	6.20	

One gross in a box.

SAMPLE CASE CORNERS



Wrought Brass

Size $1\frac{1}{4} \times \frac{3}{4}$ in.

	Per gross	
No. 01791—Buffed and lacquered;		
weight per gross $1\frac{3}{4}$ lbs.	\$6.00	

One gross in a box.

CORNER IRONS



No. 997—Wrought Steel, Plain

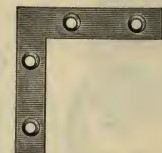
Length sides, in.	1	$1\frac{1}{2}$	2	
Width, in.	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{5}{8}$	
Per gross	\$2.40	2.90	3.60	

Length sides, in.	$2\frac{1}{2}$	3	4	
Width, in.	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	
Per gross	\$4.80	6.20	10.30	

Length sides, in.	5	6		
Width, in.	1	$1\frac{1}{8}$		
Per gross	\$13.30	17.30		

Note—Screw holes are staggered in the 5 and 6 in. sizes.

1 to 3 in., one-sixth gross; 4 to 6 in., one-twelfth gross in a box.

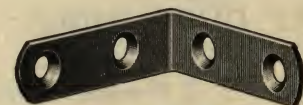


No. 999—Flat; Wrought Steel, Plain

Length sides, in.	2	$2\frac{1}{2}$		
Width, in.	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{1}{2}$	
Per gross	\$2.70	3.20		

Length sides, in.	3	4		
Width, in.	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{3}{4}$	
Per gross	\$4.10	5.50		

One-sixth gross in a box.



No. 998-C—Wrought Steel, Brass Plated

Length sides, in.	$1\frac{1}{2}$	2		
Width, in.	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	
Per gross	\$5.50	6.35		

One-sixth gross in a box.



No. 996 $\frac{1}{2}$ —Wrought Steel; Dull Copper Finish

Size, in.	1x1	2x2		
Width, in.	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	
Per gross	\$4.90	8.40		

One-sixth gross in a box.

NOTE—Goods Marked Ⓢ Not Carried in Stock but Shipped Direct from Factory.

T-PLATES

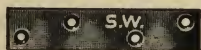


No. 995½—Wrought Steel, Plain

Size, in.	3x3	4x4
Width, in.	5/8	3/4
Per gross	\$15.25	17.00

One-sixth gross in a box.

MENDING PLATES



No. 995—Wrought Steel, Plain

Length, in.	3	4
Width, in.	3/4	7/8
Per gross	\$3.75	5.20

Length, in.	5	6
Width, in.	1	1 1/8
Per gross	\$6.35	7.65

One-sixth gross in a box.

CHEST HANDLES



Wrought Steel

Large roomy bail. Screws can be driven without raising bail.

No. 1205-J—Japanned

Width bail, in.	3 3/8	4 1/8
Plate, in.	3 5/8 x 2 1/8	4 7/8 x 3
Wt. doz. prs., lbs.	10 1/4	13 1/8
Per dozen pairs	\$7.00	9.60

One-quarter dozen pairs in a box, with screws.

TRAP DOOR RINGS
FLUSHWrought Steel,
Japanned

Per dozen	
No. 2000—3x3 1/2	
in. plate, 5/8 in.	
dia. m. wire;	
wt. per dozen	
5 1/8 lbs.	\$4.80

One dozen in a box, with screws.

FLUSH RINGS

Cast Brass

Per dozen	
No. 20—1 1/4 x 1 1/2	
in. plate; weight per	
dozen 3/4 lb.	\$5.30
Two dozen in a box,	
with screws.	

FINGER PULLS

Wrought Brass
Diameter face 1 1/8 in., depth
mortise required 3/8 in.

Per dozen	
No. 843C—Brush brass; wt.	
per dozen 1 oz.	\$0.50
Twelve dozen in a box.	

LID SUPPORTS



No. 430-C—Wrought Steel, Brass Plated

Length, in.	6	10	12
Wt. doz. pairs, lbs. 2 1/4		3 1/4	3 3/4
Per doz. pairs	\$2.80	3.90	4.55

One dozen pairs in a box, with screws.

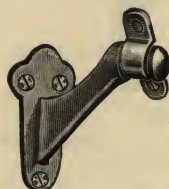


Wrought Steel, Brass Plated

Per dozen pairs

No. 432-C—Length 10 in.; wt. per
doz. pairs 3 1/4 lbs. \$2.90One dozen pairs in a box, with screws;
half right hand and half left hand.

HAND RAIL BRACKETS



Cast Iron

3x1 1/2 in. base, 2 3/4 in.
from back of base to
center of rail support
screw holes.

Per dozen

No. OB420—Dull brass \$3.35

No. AB420—Antique copper 3.35

Weight per dozen 7 1/4 pounds.

One-half dozen in a box, with screws.

HAND RAIL SCREWS



Wrought Steel; One Nut and Washer

Per gross

No. 51—5/8 x 4 1/2 in.; wt. per dozen
1 1/2 lbs. \$10.70

Three dozen in a box.



Wrought Steel; Two Nuts and Washer

Per gross

No. 52—5/8 x 4 1/2 in.; wt. per dozen
2 lbs. \$12.00

Three dozen in a box.

SHELF RESTS



Wrought Steel

For movable shelves; pin 3/8 in. long,
1/4 in. diameter.

Per gross

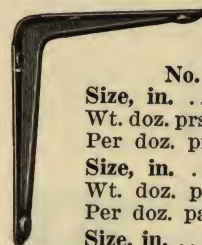
No. B2021—Brass plated \$1.70

No. N2021—Nickel plated 1.70

Weight per gross 2 1/2 pounds.

One gross in a box.

SHELF BRACKETS



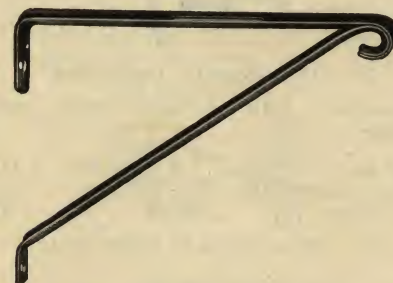
Wrought Steel

No. 796—Japanned

Size, in.	3x4	4x5	5x6
Wt. doz. prs., lbs. 2 1/4		2 3/8	4
Per doz. prs.	\$1.60	2.00	2.50
Size, in.	6x8	8x10	
Wt. doz. prs., lbs. 7 3/8		14	
Per doz. pairs	\$3.60	4.90	
Size, in.	10x12	12x14	
Wt. doz. prs., lbs. 17 1/2		24 1/2	
Per doz. pairs ..	\$7.20	11.40	

3x4 and 4x5 in., one dozen pairs; 5x6
and 6x8 in., one-half dozen pairs; 8x10
to 12x14 in., one-quarter dozen pairs in
a box, without screws.

SINK BRACKETS



Wrought Steel, Japanned

U shaped construction adds to strength.
Brace can be detached without removing
bracket from wall.

Per dozen pairs

No. 797 1/2-J—12x17 in., 5/8 x 3/4 in.
slots, for 18x20 in. sinks; wt.
per dozen pairs 34 1/2 lbs. \$25.80One-quarter dozen pairs in box,
without screws.

SEND US YOUR
SPECIFICATIONS
For Estimates on Your
BUILDERS HARDWARE
Requirements

HOUSE MAIL BOXES



Sheet Steel
Camera pattern;
top hinged door;
large letter slot;
name plate.

Size 10x5¼x2½ in.

Per dozen
No. 25—Oxidized copper finish;
wt. per doz. 11 lbs.\$4.00

No. 50—With Lock; cracked green finish; wt. doz. 16 lbs... 8.50
One in a carton, three dozen in a case.



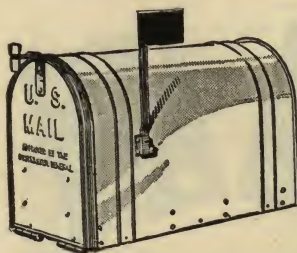
Sheet Steel

Top hinged door;
inside gravity letter slot; name plate;
complete with duolock, a combination lock and latch.

Size 11x6x2½ in.

Per dozen
No. 100-C—Brushed brass; wt. per dozen 20 lbs.\$16.00
One dozen in a case.

RURAL MAIL BOXES



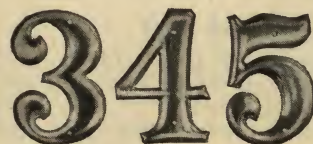
Made in accordance with specifications furnished by the Post Office Department.

Heavy Galvanized Steel

Finished in aluminum bronze, with red enameled flag.

Each
No. 2—23½ in. long, 11 in. wide, 14 in. high; wt. each 28½ lbs..\$4.00
One in a carton.

HOUSE NUMBERS



Stamped Aluminum, Polished

Per dozen
No. 3101—3 in. high; numbers 0 to 9; wt. per dozen ¼ lb.....\$0.35
One dozen in a box.

LETTER BOX PLATES



Miniature of Inside Plate.

Wrought Steel, with Inside Plate

Outside plate 2¼x7 in. with 1x4¼ in. opening; inside plate 2¼x7 in.

Each
No. AB256TC—Antique copper\$0.75
No. OB256TC—Dull brass75

Wrought Brass, with Inside Plate

Outside plate 2¼x7 in. with 1x4½ in. opening; inside plate 2¼x7 in.

Each
No. AB258TC—Antique copper\$1.40
No. OB258TC—Dull brass 1.40
Weight each ¾ pound.

EXTRA LARGE

Wrought Steel, with Inside Plate

Outside plate 3x10 in. with 1½x7½ in. opening; inside plate 3x10 in.

Each
No. AB266TC—Antique copper\$1.20
No. OB266TC—Dull brass 1.20

Wrought Brass with Inside Plate

Outside plate 3x10 in. with 1½x7½ in. opening; inside plate 3x10 in.

Each
No. AB268TC—Antique copper\$2.20
No. OB268TC—Dull brass 2.20
Weight each ¾ pound.
Two in a box, with screws.

DOOR HOLDERS



Cast Iron; Rubber Shoe

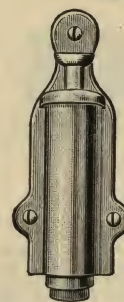
Closed by pressing down with the foot, released by trigger at top.

7¼x2½ in., 1½ in. throw; 1¼ in. projection.

Per dozen
No. AB5244—Antique copper\$17.60
No. OB5244—Dull brass 17.60

Weight per dozen 9 pounds.
One-quarter dozen in a box, with screws.

DOOR HOLDERS



Wrought Steel, Rubber Shoe

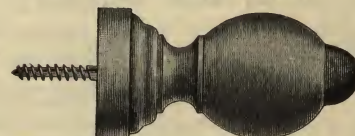
5x2⅜ in., 1 in. throw.

Per dozen
No. 7018-D2—Antique copper\$4.70

No. 7018-F—Dull brass 4.70
Weight per dozen 5 pounds.

One-half dozen in a box, with screws.

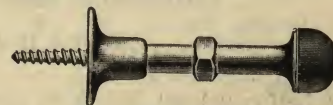
DOOR STOPS



Wood; Rubber Tip

2½ in. projection.

Per dozen
No. 5—Unpolished birch; weight per gross 14 lbs.\$0.65
One-quarter gross in a box.



Cast Iron, Rubber Tip

2½ in. projection, 1 in. diameter base.

Per dozen
No. AB200—Antique copper\$0.80
No. OB200—Dull brass80
No. N200—Nickel plated90
Weight per dozen 1¼ pounds.
One dozen in a box.



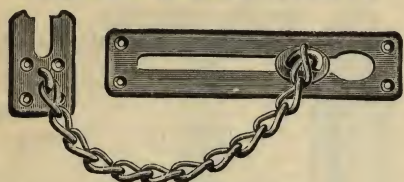
Cast Iron, Rubber Tip

1½ in. projection, 1⅝ in. diameter base.

Per dozen
No. AB64—Antique copper\$1.60
No. OB64—Dull brass 1.60
No. N64—Nickel plated 1.85
Weight per dozen 2 pounds.
One dozen in a box.

**Your Mail Order Will
Be Shipped Same Day
Received.**

CHAIN DOOR FASTS



Wrought Steel Case

Size of case $1\frac{1}{2} \times 4$ in.

Per dozen
 No. AB2164—Antique copper\$5.35
 No. OB2164—Dull brass 5.35

Weight per dozen $4\frac{1}{4}$ pounds.

One dozen in a box, with screws.

SURFACE BOLTS



Back plates under rods prevent marring the surface of the wood. Guides designed to prevent finish being scraped off the rod.

Wrought Steel

$\frac{3}{8}$ in. half round rod, $\frac{5}{8} \times 1\frac{1}{2}$ in. guides, 1 in. throw.

No. AB1152—Antique Copper

Length, in. 4 6 9

Wt. doz., lbs. $2\frac{1}{4}$ $2\frac{3}{8}$ $3\frac{3}{8}$

Per dozen\$3.92 4.18 4.66

No. OB1152—Dull Brass

Length, in. 4 6 9

Per dozen\$3.92 4.18 4.66

Wrought Brass

$\frac{3}{8}$ in. half round rod, $\frac{5}{8} \times 1\frac{1}{2}$ in. guides, 1 in. throw.

No. AB1155—Antique Copper

Length, in. 4 6 9

Per dozen\$7.60 8.50 9.85

No. OB1155—Dull Brass

Length, in. 4 6 9

Per dozen\$7.60 8.50 9.85

One dozen in a box, with screws.

EXTENSION FLUSH BOLTS

Wrought Steel

$3\frac{3}{4} \times \frac{5}{8}$ in. plate, $\frac{1}{2}$ in. diameter rod, $\frac{1}{2}$ in. square bolt head, $\frac{1}{2}$ in. throw.

No. 382-D2—Antique Copper

Length rod, in. 12

Wt. dozen, lbs. $3\frac{3}{8}$

Per dozen\$21.20

No. 382-F—Dull Brass

Length rod, in. 12

Wt. dozen, lbs. $3\frac{3}{8}$

Per dozen\$21.20

One-sixth dozen in a box, with screws.

FOOT BOLTS



Suitable for screen doors, casement windows, etc.

Cast Iron

Size of case $2\frac{5}{8} \times 1\frac{1}{8}$ in.

Per dozen

No. AB493—Antique copper\$5.30

No. OB493—Dull brass 5.30

Weight per dozen 3 pounds.

One dozen in a box, with screws.

FOOT BOLTS



Wrought Steel; Spring Action

Operated by a pressure of the foot on the cap and released by pressure on the trip. When released, the bolt is retracted by a heavy music wire spring.

No. 1056-J—Japanned

Length bolt, in. 6 8

Case, in. $5 \times 2\frac{3}{4}$ Diam. bolt, in. $\frac{3}{8}$ $\frac{1}{2}$ Throw, in. $1\frac{1}{2}$ $1\frac{1}{4}$ Weight dozen, lbs. $9\frac{5}{8}$ 18

Per dozen\$7.35 20.05

6 in.; one-half dozen; 8 in., one-quarter dozen in a box, with screws.

CHAIN BOLTS



Suitable for screen doors, casement windows, etc.

Cast Iron; with Jack Chain

Size of case $2 \times 1\frac{1}{8}$ in.; length of chain 20 in.

Per dozen

No. AB483—Antique copper\$5.30

No. OB483—Dull brass 5.30

Weight per dozen $3\frac{1}{2}$ pounds.

One dozen in a box, with screws.

Wrought Steel

Bolt can be reversed for use on inside or outside of door.

No. 1055-J—Japanned

Length bolt, in. 6

Case, in. 5×2 Diam. bolt, in. $\frac{3}{8}$ Throw, in. $\frac{1}{2}$ Wt. doz., lbs. $12\frac{1}{2}$

Per dozen\$7.85

Length bolt, in. 8

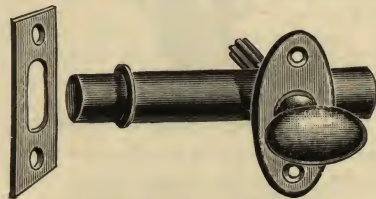
Case, in. $7 \times 2\frac{3}{4}$ Diam. bolt, in. $\frac{3}{8}$ Throw, in. $\frac{1}{2}$

Wt. doz., lbs. 22

Per dozen\$20.45

6 in., one-half dozen; 8 in. one-quarter dozen in a box, with screws.

MORTISE DOOR BOLTS



Wrought Steel

Backset $1\frac{1}{2}$ in.

Per dozen

No. AB272—Antique copper\$6.65

No. OB272—Dull brass 6.65

Weight per dozen $2\frac{5}{8}$ pounds.

One dozen in a box, with screws.

BARREL BOLTS



Wrought Steel

Japanned plate, brass plated bolt.

No. 1078—Light

Length in. 3 4 5

Wt. dozen, lbs. 2 3 5

Per dozen\$1.30 1.50 2.00

One dozen in a box.

No. 1084—Heavy

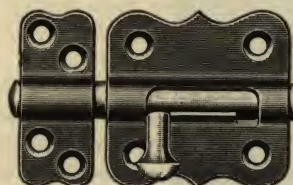
Length, in. 5 6

Wt. dozen, lbs. 6 $7\frac{1}{4}$

Per dozen\$3.40 3.70

5 in., one dozen; 6 in., one-half dozen in a box.

CELLAR WINDOW BOLTS



Wrought Steel

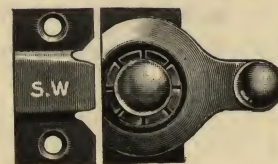
No. 1076—Japanned; brass plated bolt.

Length, in. 2 $2\frac{1}{2}$ Weight dozen, lbs. 1 $1\frac{1}{4}$

Per dozen\$1.45 1.50

One dozen in a box.

CELLAR WINDOW SETS



Wrought Steel

Set consists of one pair $2 \times 1\frac{1}{8}$ in. fast pin hinges, one cam action catch and one $2\frac{1}{2}$ in. hook and eye.

Per dozen sets

No. 1762-J—Japanned\$2.55

No. 1762-K—Cadmium plated 3.30

Weight per dozen sets $5\frac{1}{2}$ pounds.

One dozen sets in a box, with screws.

(F) EXIT BOLTS

SARGENT

Gravity Locking

Both top and bottom bolts are operated from inside by a slight pressure on the cross bar at any point. Inclosed in the top case is a device which holds the ends of the rod in position when they are withdrawn from the strikes by the operation of the cross bar, so that door may be swung over a carpeted, marble or tile floor.

When door is closed, the rod is instantly released by the auxiliary latch and returns, by gravity, to its locked position.

Cannot be operated from outside.

Furnished regularly for doors 8 ft. high and 3 ft. wide with 5 in. stiles. For smaller doors the

upper vertical rod and the cross bar may be cut off.

Cast Iron, Steel Tubing and Rods

Arms, guides, strikes and working parts in top case are brass.



No. J5244—Dead black japanned Each \$19.00

Cast Brass, Brass Tubing Cross Bar

No. D5248—Unpolished brass Each \$25.60

Weight each 10¼ pounds.

One in a box.

Automatic Release Action

Both top and bottom bolts are operated from inside by a slight pressure or an upward pull on the cross bar at any point. A device in connection with the top guide holds both the top and bottom bolts in position when they are withdrawn from the strikes by the operation of the cross bar, so that the door may be swung over a carpeted, marble or tile floor. When door is closed, the bolts are automatically released and projected into the strikes.

Handle case 8x2 in., top bolt case 3½x2¼ in., center guide 1¼x1⅞ in., bottom bolt case 3½x2½ in., top strike 2½x1¼ in., bottom strike 1½x3⅞ in., bolt ends ¾ in. diameter, rod ½ in. diameter, cross bar 1 in. diameter.



For stiles not less than 3 in. wide, height from floor to handle bar 3 ft. (other heights to order).

Not reversible, specify hand when ordering.

Cast Bronze; Wrought Bronze Cross Bar

No outside trim.

No. 5525—Polished brass; weight each 11 lbs. Each \$50.00
One in a box.

Specify in Ordering

Full width and height of door.
Thickness of door.
Thickness of door including astragal.
Width of stile.
Hand of bolt.

Whether wanted for single or double doors.

NOTE—Goods Marked (F) Not Carried in Stock; Shipped Direct from Factory.

Operated—From inside at all times by a slight pressure on the cross bar at any point. From outside by entrance handle thumb piece. Outside thumb piece may be set by key from outside.



For Doors Used for Entrance and Exit, Opening Out

Closed strikes furnished when ordered for single doors, open strikes for double doors.

Cross bar ¾ in., inside plates 8x2 in. and 3x1¾ in.

Cast Iron Plates, Cast Brass Arms, Steel Tubing Cross Bar

Complete with lock and outside door pull and cylinder.

No. P5291—Polished bronze Each \$38.50

Cast Brass Plates, Brass Tubing Cross Bar

Complete with lock and outside door pull and cylinder.

No. D5298—Unpolished brass Each \$42.90
Weight each 10 pounds.



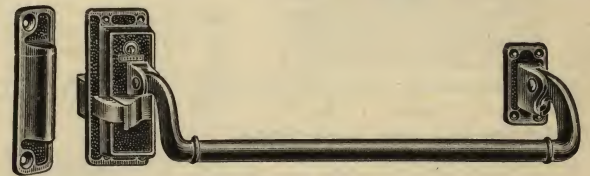
For Doors Used for Entrance and Exit, Opening Out

Closed strikes furnished when ordered for single doors, open strikes for double doors. A half turn of the key in inside cylinder will set the outside thumb piece so that door cannot be opened from outside except by key.

Complete Sets

Lock, cross bar and outside door handle and cylinder. Outside plate 16x3½ in.

No. 5758—Polished brass; wt. each 16 lbs. Each \$65.20



For Single Doors

Easily and quickly applied to the door, no mortising being required. May be placed at any height making it particularly suitable for kindergarten and other rooms used by small children.

Operated—From inside at all times by a slight pressure upon the cross bar at any point. Latch bolt may be stopped back by the key and the cross bar locked in an inactive position, allowing its use as a push bar when free passage through doorway is desired. Unlocked from outside by key.

Cast bronze, wrought bronze cross bar

7¾x3⅞ in. inside case, 14x3½ in. outside plate with pull, 1 in. diameter cross bar for doors 1¼ to 2¾ in. thick.

No. P5858—Polished bronze; weight each 14 lbs. Each \$47.00

All above, one in a box.

SHOW CASE SHEAVES

Electric
Welded Steel
Frame

Solid cover,
hardened
steel ball
bearings.



No. 22—Length over all $2\frac{1}{2}$ in., case
 $\frac{3}{8}$ in. thick; for use on No. 42
track; wt. per dozen $1\frac{1}{2}$ lb. \$2.00
Six dozen in a box.



Wrought Steel, Axle
Bearing

No. 17— $\frac{3}{4}$ in. diameter wheel, frame
 $\frac{3}{8}$ in. thick; for use on No. 26
track; wt. per dozen $\frac{1}{2}$ lb. \$1.10
Twelve dozen in a box.

SHOW CASE TRACK

Solid Steel, Plain
In 4, 6 and 8 ft. lengths.



No. 42—Top $\frac{3}{8}$ in. thick,
for use with No. 22
sheave; wt. per 100 ft.
28 lbs. \$8.65

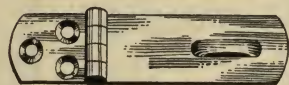
Open stock.



Wrought Steel, Plain
In 4, 6 and 8 ft. lengths.

No. 26— $\frac{3}{4}$ in. wide, for use with
No. 17 sheave; wt. per 100 feet
30 lbs. \$6.00
Open stock.

HINGE HASPS



Wrought Brass, Polished

Nos.	809	804
Length, in.	$2\frac{3}{8}$	3
Width, in.	$\frac{1}{2}$	$\frac{3}{4}$
Wt. dozen, lbs.	$\frac{5}{8}$	$\frac{7}{8}$
Per dozen	\$2.15	2.80

One dozen in a box, with screws.



No. 912—Wrought Steel, Plain; Without
Screws

Lgth. strap, in. ...	3	$4\frac{1}{2}$	6	8
Wd. at joint, in. ...	$1\frac{1}{8}$	$1\frac{1}{8}$	$1\frac{3}{8}$	$1\frac{7}{8}$
Screw holes	7	8	8	8
For screws, Nos. ...	6	6	9	10
Wt. doz., lbs.	2	$2\frac{5}{8}$	$5\frac{1}{8}$	$8\frac{1}{2}$
Per dozen	\$1.16	1.25	2.10	3.50

3 to 6 in., one dozen; 8 in. one-half
dozen in a box.

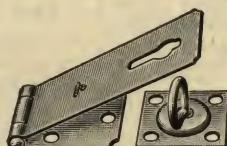
SAFETY HASPS



No. 915—Wrought Steel, Plain; Without
Screws

Lgth. slotted part, in.	$3\frac{1}{2}$	$4\frac{1}{2}$	6
Size hinge part, in.	$1\frac{1}{8} \times 1\frac{1}{2}$	$2\frac{1}{4} \times 1\frac{1}{2}$	$2\frac{3}{4} \times 1\frac{7}{8}$
Lgth. joint, in. ...	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{7}{8}$
Screw holes	7	7	9
For screws, Nos. ...	7	7	9
Wt. doz., lbs.	3	4	8
Per dozen	\$1.35	1.65	2.90

One dozen in a box.

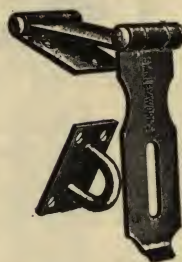


No. 917—Wrought Steel, Plain; Without
Screws

With swivel padlock staple.

Lgth. slotted part, in.	$3\frac{1}{2}$	$4\frac{1}{2}$	6
Size hinge part, in.	$1\frac{1}{8} \times 1\frac{1}{2}$	$2\frac{1}{4} \times 1\frac{1}{2}$	$2\frac{3}{4} \times 1\frac{7}{8}$
Lgth. joint, in. ...	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{7}{8}$
Screw holes	7	7	9
For screws, Nos. ...	7	7	9
Wt. doz., lbs.	3	4	8
Per dozen	\$1.35	1.65	2.90

One dozen in a box.



No. 925 — Wrought
Steel, Plain; Double
Hinge; With-
out Screws

For use on tool
chests, etc.

Lgth. slotted part, in. ...	3	4
Size hinge part, in.	$1\frac{3}{8} \times 1\frac{1}{8}$	$1\frac{3}{4} \times 1\frac{1}{8}$
Between centers, in. ...	$1\frac{1}{8}$	$2\frac{1}{8}$
Screw holes	7	7
For screws, Nos.	7	9
Wt. dozen, lbs.	$2\frac{5}{8}$	$6\frac{1}{4}$
Per dozen	\$4.10	6.50

3 in., one dozen; 4 in., one-half dozen
in a box.

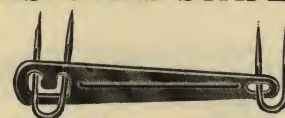
HASPS, STAPLES AND
HOOKS

No. 982—Wrought Steel, Plain
With locking device.

Length, in.	6	8	10
Length staples, in.	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{1}{2}$
Weight dozen, lbs.	$3\frac{1}{8}$	4	$7\frac{1}{2}$
Per dozen	\$0.72	.88	1.30

One dozen in a box.

HASPS AND STAPLES



Wrought Steel, Plain
Automatic locking.

No. 981—Length 8 in., length sta-
ples $2\frac{1}{2}$ in.; wt. per dozen 4 lbs. \$2.10
One dozen in a box.

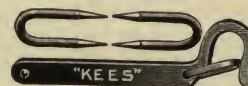
SAFETY GATE HOOKS



Malleable Iron, Plain Finish

Nos.	1	2
Length, in.	$4\frac{1}{2}$	$7\frac{1}{2}$
Wt. dozen, lbs.	3	$5\frac{1}{2}$
Per dozen	\$2.65	3.30

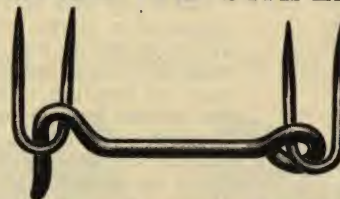
One dozen in a box, with staples.



Wrought Steel, Plain
Complete with staples.

No. 6—Length $6\frac{1}{4}$ in.; wt. per doz.
 $3\frac{1}{2}$ lbs. \$2.00
One dozen in a box.

HOOKS AND STAPLES

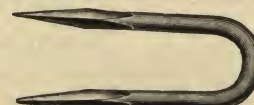


No. 974—Wrought Steel, Plain
Length, in. 4 5 6
Length staples, in. $2\frac{1}{4}$ $2\frac{1}{2}$ $2\frac{1}{2}$
Weight gross, lbs. 20 33 $35\frac{1}{2}$
Per gross \$6.20 10.00 12.70
One-quarter dozen in a box.



No. 972—Wrought Steel, Plain
Length, in. 4 5 6
Length staples, in. 2 $2\frac{1}{4}$ $2\frac{1}{2}$
Weight gross, lbs. $16\frac{1}{2}$ 25 $29\frac{1}{2}$
Per gross \$5.90 7.50 7.50
One-quarter gross in a box.

WROUGHT STAPLES



No. 976—Wrought Steel, Plain
Length, in. 2 $2\frac{1}{2}$ 3 4
Wt. gross, lbs. $2\frac{1}{2}$ $4\frac{3}{8}$ $6\frac{1}{4}$ $10\frac{1}{4}$
Per gross \$0.80 1.05 1.45 2.55
2 and $2\frac{1}{2}$ in., one gross; 3 and 4 in.,
one-half gross in a box.

STRAP HINGES

LIGHT



No. 900—Wrought Steel, Plain, Without Screws

Lgth. each leaf, in...	2	3	4
For screws, Nos.	5	6	7
Wt. doz. prs., lbs.....	1 3/8	2 3/8	4
Per doz. pairs	\$1.10	1.15	1.50

One dozen pairs in a box.

HEAVY



No. 902—Wrought Steel, Plain, Without Screws

Lgth. each leaf, in...	4	5	6
For screws, Nos.	7	8	9
Wt. doz. prs., lbs.	4	6	9
Per doz. pairs	\$2.00	2.60	3.00

Lgth. each leaf, in...	8	10	12
For screws, Nos.	10	10	12
Wt. doz. prs., lbs.	15	22	38
Per doz. pairs	\$5.10	8.80	17.85

4 in., one dozen pairs; 5, 6 and 8 in., one-half dozen pairs; 10 and 12 in., one-quarter dozen pairs in a box.

T HINGES

LIGHT



No. 904—
Wrought
Steel, Plain,
Without
Screws

Lgth. strap, in.	3	4
For screws, Nos.	6	7
Wt. doz. prs., lbs.	2 3/4	3 1/2
Per doz. pairs	\$1.20	1.50

One dozen pairs in a box.

EXTRA HEAVY

No. 908—Wrought Steel, Plain, Without Screws

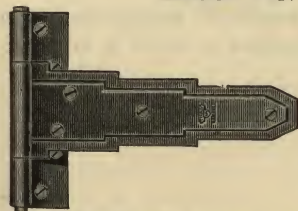
Lgth. strap, in.	4	5	6
For screws, Nos.	9	10	11
Wt. doz. prs., lbs.	7 3/4	13 1/2	21 1/4
Per doz. pairs	\$3.00	3.40	3.60

Lgth. strap, in.	8	10	12
For screws, Nos.	12	14	16
Wt. doz. prs., lbs.	37	58	78
Per doz. pairs	\$5.90	9.20	18.85

4 and 5 in., one-half dozen pairs; 6 and 8 in., one-quarter dozen pairs in a box; 10 and 12 in., one-half dozen pairs in a carton.

GARAGE DOOR HINGES

LOOSE PIN



Wrought
Steel,
Japanned;
Can Be Ap-
plied Full
Surface or
Half Surface

Per pair

No. SC969 1/2-J—Length strap 10 in.; wt. per pair 5 lbs. \$1.35
One pair in a box, with screws.

GARAGE DOOR HINGES

FULL SURFACE, OFFSET



Wrought Steel, Japanned

For folding garage doors. Offset allows clearance for other hardware that may project from the doors.

Per pair

No. 734-J—4x6 in., 1 1/2 in. offset, 3 in. throw; wt. per pair 2 3/4 lbs.. \$1.20
One pair in a box, with screws.

SCREW HOOK AND STRAP HINGES



No. 951—Wrought Steel, Plain

Lgth. strap, in.	6	8	10
Screw hook, in.	1/2 x 4	1/2 x 4	5/8 x 5
Wt. doz. prs., lbs.	22	25	42
Per pair	\$0.36	.40	.56

Lgth. strap, in.	12	14	16
Screw hook, in.	5/8 x 5	3/4 x 6	3/4 x 6
Wt. doz. prs., lbs.	50	72	76
Per pair	\$0.62	.84	1.00

Lgth. strap, in.	18	20
Screw hook, in.	3/4 x 6	3/4 x 6
Wt. doz. prs., lbs.	95	100
Per pair	\$1.15	1.25

Wired; one pair in a bundle.

HINGE SCREW HOOKS



No. 1665—Wrought Steel, Plain

Size, in.	1/2 x 4	5/8 x 5
For hinges, in.	6 to 8	10 to 12
Wt. doz., lbs.	3 3/4	7 1/2
Per 100	\$12.00	14.00

Size, in.	3/4 x 6	7/8 x 7
For hinges, in.	14 to 20	22 to 36
Wt. doz., lbs.	13 1/4	21 1/4
Per 100	\$20.00	30.00

Open stock.

GARAGE DOOR HOLDERS

S. W. BOTTOM



Lifting cap at top permits arm to drop down.

Arm can be raised with the foot where it will engage automatically in the cap.

Will hold on wood or concrete.

Wrought Steel, Cadmium Plated

Per dozen pairs

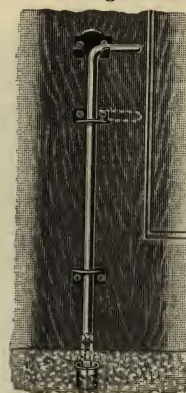
No. 1007—Length 12 1/4 in.; wt. per pair 1 3/8 lbs.... \$7.00

One pair in a box, with screws.

CANE BOLTS

S-W

For Garages and Industrial Buildings



A strong positive bolt for locking doors; also used to hold door open.

Bolt drops by gravity when handle is lifted out of bolt rest. Lip at top prevents bolt from slipping out of guide. Throw practically unlimited.

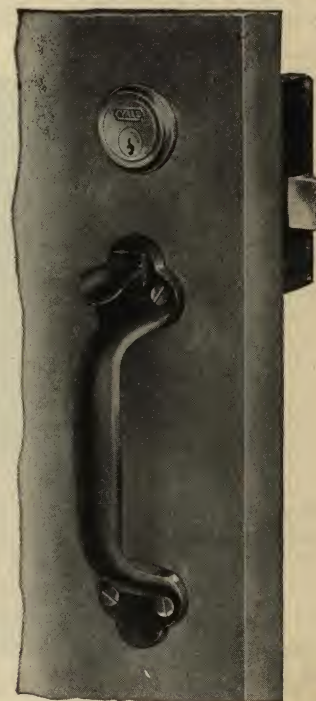
Wrought Steel, Cadmium Plated
Japanned guides and bolt rest.

Per dozen

No. 1010—Length 18 in., diam. 5/8 in.; wt. per doz. 64 lbs..... \$9.60
One-sixth dozen in a box, with screws and strikes.

RIM GARAGE LATCH SETS

YALE CYLINDER



Cast Iron Handle, Malleable Iron Thumb Piece

For use on garage, factory, mill, warehouse and store doors.

Latch—4 1/2 x 3 7/8 x 1 1/8 in. japanned iron case; 2 1/2 in. backset; cast brass, extra heavy, easy-spring latch bolt with 3/4 in. throw, **reversible**; brass cylinder, 5 pin tumblers, 3 nickel bronze keys, changes unlimited.

Operated—Latch bolt by thumb piece from either side when not deadlocked. Latch bolt and thumb piece can be deadlocked by key from outside and by thumb slide from inside.

Handle—8 1/2 x 2 1/4 in.

Per set

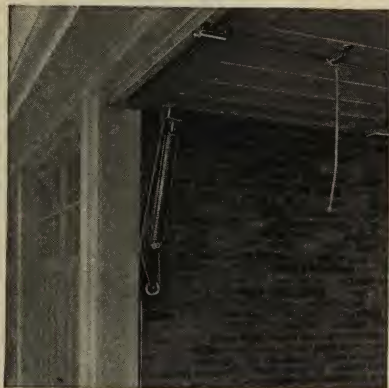
No. J205—Japanned; wt. per set 4 lbs. \$6.00
One set in a box, with screws.

GARAGE DOOR SETS

"SWING-UP"



Designed on the pivot principle. A slight pull on the outside handle and the door floats up quietly to the full open position (through the use of large coil springs), where it rests securely on the tracks. Rubber bumpers attached to ends of the track prevent slamming or jarring. Door is opened from the inside by a slight push with the foot on the lower angle iron. A pull on the cord brings the door down to the closed position. Speed of opening or closing can be easily adjusted.



Doors are carried completely into the garage reducing the height of the opening by only 4 in. The garage need be no longer than the car. The doors swings outward and upward and will clear all makes of cars with the rear bumper resting against the door.

Old doors can be readily converted to the "Swing-up" type. On wide openings where there is no passage door a convenient arrangement can be made by using standard narrow doors. One of the middle doors can be made a passage door by hinging it on the outside and not cleating it to the braces.

With Rim Cylinder Locking Bolt and Two Keys

Heavy, heat-treated and oil-tempered coil springs, one for each side of door. Wrought steel housings; 13 gauge wrought steel track so designed as to prevent the rollers from jumping out. Steel plates attached to hanger brackets offer protection against the weather and also act as side stops. Upper and lower door braces are adjustable for door 7 ft. to 8 ft. in width.

Headroom—Only 2 in. required above top of door. The headroom should be maintained the full length of the track, which length equals the height of the door plus 6 in. Doors should be 1 in. less in height and width than the opening to allow $\frac{1}{2}$ in. clearance at top, sides and bottom.

Finish—Japanned; cadmium plated spindles, adjusting bolts, handle of locking bolt, lag screws and carriage bolts.

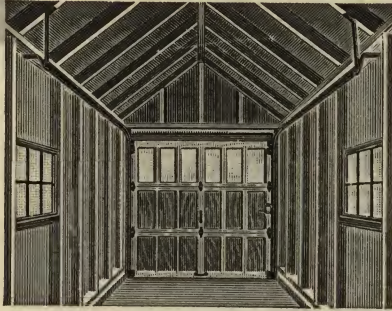
Hardware only

No. 2732—For doors up to $1\frac{3}{4}$ in. thick, 7 to 8 ft. in width, 7 to 8 ft high; not to exceed 200 lbs. per opening; weight per set 152 lbs. Per set

One complete set in a crate with instructions for installing.\$46.80

GARAGE DOORS AND HARDWARE

"ROLL-UP"



A camming device forces door tightly against the stops, insuring a weathertight installation. The bottom corners of the door are fitted with a bracket to which one end of the strap is securely anchored.

Doors

Doors are made in three sizes, 7 ft. 11½ in. x 7 ft., 7 ft. 11½ in. x 7½ ft. and 7 ft. 11½ in. x 8 ft., for standard openings 8 ft. in width. Made in three sections 1⅜ in. thick, with No. 1 pine stiles and rails, doweled and assembled with water-proof casein glue. Panels are three-ply fir veneer with the center grain running opposite the outside plies. Holes are drilled at the factory for hinge bolts, cylinder of sliding bolt and bolts for bottom brackets. Regularly furnished unpainted and unglazed. Three-quarter inch stops insure a weather-tight installation.

Glass Sizes

9⅜x21¼ in. for 7 ft. doors; 9⅜x23¼ in. for 7½ ft. doors; 9⅜x25¼ in. for 8 ft. doors. All doors are balanced at the factory for single or double strength glass.

Hardware

Torsion spring insures smooth easy operation at all times. Hinges specially designed, three to each section. Rollers fitted with extra large tool steel balls with hardened steel raceways, making opening and closing smooth and quiet.

Track made of 13 gauge wrought steel designed to prevent the roller from slipping out. Supported at rear to rafters or ceiling with heavy steel braces.

Heavy Cylinder Sliding Bolt

Cylinder sliding bolt engages in a slot in the track. Backset 2 in., throw 2⅜ in., thickness of bar ¼ in. A quarter turn of the outside handle locks the door. Operated from the inside by an automatic spring trip. Complete with rim cylinder and two keys. Cadmium plated.

Headroom

A minimum of 8 in. is required above top of door. Headroom should be maintained to a depth of 9 ft. 8 in. Jambs should extend height of door plus headroom. Good construction consists of 2x6's but doors can be readily mounted in frame garages on 2x4's with the inside edges flush, without extra construction.

Japanned Door Hardware, Cadmium Plated Sliding Bolt, Lag Screws and Bolts

Torsion spring and tracks plain steel.

No. 2710

	Each
7 ft. 11½ in. x 7 ft.....	\$77.30
7 ft. 11½ in. x 7½ ft.....	77.30
7 ft. 11½ in. x 8 ft.....	77.30

Weight of 7 ft. 11½ in. x 8 ft. door 258 pounds.

Packed in two crates with complete instructions for installing.

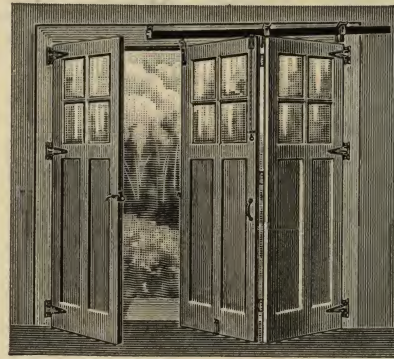
For Residential Garages

A heat treated and oil-tempered torsion spring acts on a shaft which extends the entire width of the door. A steel strap attached to the bottom of the door and to winding drums on the shaft, actuated by the spring, pulls the door upward.

GARAGE DOOR SETS

STANLEY, FOLDING SLIDING

For Door Opening In or Out



Inside view, doors opening in.

Complete Hardware for Three Folding Sliding Doors, for Openings Up to 8 ft. Wide

Black japanned; bolts, lag screws and trolley cadmium plated.

Per set

No. SX2610A-3D—Complete as enumerated below; one complete set in a box; weight per set 63 lbs.....\$14.00

Contents of Set

2 pieces Trolley Track, 39 in.	1 Chain bolt, 6 in.
1 End Bracket	1 Foot bolt, 6 in.
1 Intermediate Bracket	1 Door Pull, 7½ in.
1 Center Bracket	1 Thumb Latch, 8⅞ in. handle, with padlock attachment both sides of door
1 Roller Bearing Swivel Hanger	1 Bottom door holder
3 Pairs 10 in. Full Surface T Hinges	
1½ Pairs 4x3½ Full Surface Hinges	All screws and bolts to install.

Note—Sets for 4, 5 and 6 doors can be furnished.

Under-Soffit Type; For Doors Opening In or Out

Two folding doors are hinged to the jamb on extra heavy full surface T hinges and operated by means of a swivel hanger on 16 gauge weather-tight trolley track. The service door is hinged from the opposite jamb.

Track is screwed to the underside of the soffit and fastened at the ends by brackets attached to the side jambs.

The double truck hanger is made of cold rolled steel and is attached to the door by a rigid arm fastened to



Inside view, doors opening in.

the top rail. Vertical adjustment; rust-proof ball bearing swivel; roller bearing wheels.

Complete Hardware for Three Folding Sliding Doors, for Openings Up to 8 Ft. Wide

Black japanned; bolts, lag screws and trolley cadmium plated.

Per set

No. SX2613-3D—Complete as enumerated below; one complete set (except track) in a box; wt. per set 39 lbs. ..\$13.00

Contents of Set

1 Piece Trolley Track, 8 ft.	1 Foot Bolt, 6 in.
1 Pair Brackets	1 Thumb Latch, ⅞ in. handle, with Padlock Attachment for both sides of door.
1 Rigid Arm Swivel Hanger	1 Door Pull, 7½ in.
3 Pairs 10 in. Full Surface T Hinges	1 Bottom Door Holder
1½ Pairs 4x3½ in. Full Surface Offset Hinges	
1 Chain Bolt, 6 in.	All screws and bolts to install

Note—Sets for 4, 5 and 6 doors can be furnished.

GARAGE DOOR SETS

LOUDEN, AROUND THE CORNER



Interior view

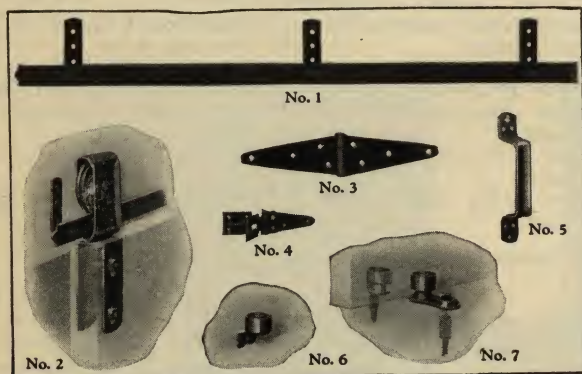
Complete Hardware for Three Doors

Three doors are hinged together as a unit, the door straps being equipped with swivel jointed, roller bearing trolleys which operate on a track erected above the door opening and on the inside of the garage. Track and trolleys being on the inside, are protected from the weather.

Hangers have a $\frac{3}{4}$ in. vertical adjustment.

Corner curve of track can be attached direct to wood framing or a steel corner bracket can be furnished at a slight extra cost.

Track comes in straight lengths, which are easily bent as erected, to make the corner curve.



Cut showing parts of set

Black Japanned Finish; Swivel Hangers

Per set

No. 1273-8—Complete as illustrated above, with track for 8 ft. opening; wt. per set 17 lbs. \$ 8.80

No. 1273-10—Complete as illustrated above, with track for 10 ft. opening; wt. per set 18 lbs. 9.60

No. 1273-12—Complete as illustrated above, with track for 12 ft. opening; wt. per set 20 lbs. 10.35

STANLEY, FOR SWINGING DOORS



Complete Hardware for Two Doors

Black japanned.

Per set

No. 1775-J—Complete as enumerated below; weight per set 18 lbs. \$4.90

Contents of Set

- 1 only foot bolt, 6 in.
- 1 only chain bolt, 6 in.
- 3 pairs 10 in. extra heavy loose pin T hinges.
- 1 only 9 in. door pull.
- 1 only thumb latch, $8\frac{7}{8}$ in. handle.

One set in a box, three sets in a carton.

GARAGE DOOR SETS

LOUDEN, FOLDING SLIDING

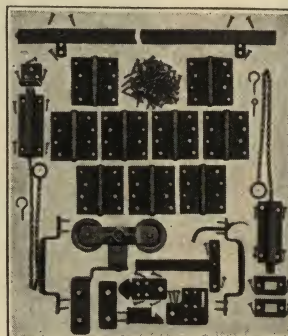


Interior view, doors opening in.

Complete Hardware for Three Doors

Two doors are hinged together and to one of the side jams to slide and fold, by means of an overhead hanger running on flat track, to one side of the opening. The third or service door swings independently from the opposite jamb. Doors require very little operating room and may be installed either inside or outside the garage as desired.

Offset swivel hanger permits doors to automatically fit tight into opening flush with wall. The large roller bearing wheels assure smooth and easy operation of the doors. Constant usage cannot make the hanger sag or wobble, and whether open or closed, the folding doors keep perfect alignment.



Cut showing parts of set.

Black Japanned; Swivel Hanger

Per set

No. 1425-8—Complete as described above and enumerated below, with track for 8 ft. opening; wt. per set 29 lbs. \$6.20

No. 1425-10—Complete as described above and enumerated below and with track for 10 ft. opening; weight per set $32\frac{1}{4}$ lbs. 6.30

Contents of Set

- 1 only offset swivel hanger with adjustable arm.
- 2 only chain bolts.
- 2 only door pulls, one with latch and special blind hasp for padlock.
- $4\frac{1}{2}$ pairs 4x4 in. butt hinges.

One set in a box, track separate.

SLIDING DOOR HANGERS

S. W.

Lateral and Vertical Adjustments

Ball bearing swivel, roller bearing wheels. Black japanned; bolts and trolley cadmium plated. For use in No. X2641 track.

Per pair

No. X2650— $2\frac{1}{8}$ in. diameter steel wheels; $5\frac{1}{2}$ x $3\frac{1}{4}$ in. long apron, $2\frac{3}{4}$ x $3\frac{1}{4}$ in. short apron; for doors $1\frac{1}{2}$ to $2\frac{1}{4}$ in. thick; weighing up to 350 lbs.; wt. per pair 5 lbs. \$2.70

One pair in a box, with bolts.



SLIDING DOOR HANGERS

S. W.



Non-Adjustable

One-piece saddle, flexible joint. Black japanned; bolts and trolley cadmium plated. For use in No. X2641 track.

Per pair

No. X2650— $2\frac{1}{8}$ in. diameter steel wheels; $5\frac{1}{2} \times 2\frac{1}{4}$ in. long apron, $2\frac{3}{8} \times 2\frac{1}{4}$ in. short apron; for doors $1\frac{3}{4}$ to 2 in. thick weighing up to 350 lbs.; wt. per pair $4\frac{1}{4}$ lbs.\$2.25

One pair in a box, with bolts.



Lateral and Vertical Adjustments

Ball bearing swivel, roller bearing wheels. Cadmium plated trolley, japanned apron. For use in No. X2641 track. Complete with center, end and intermediate brackets.

Each

No. X2610— $2\frac{1}{8}$ in. diameter steel wheels; $7\frac{3}{4} \times 2$ in. apron; for doors up to 2 in. thick, weighing up to 150 lbs.; wt. per set 11 lbs.\$3.10

One in a box, with brackets and bolts.

CANNON BALL



Lateral and Vertical Adjustments

Steel roller bearings, black japanned. For use in No. 387 or No. 681 Cannon Ball Track and No. 712 curve. Projecting guide in front keeps wheel in track slot at all times.

Per pair

No. 1027— $2\frac{1}{4}$ in. steel ball wheel; wt. per pair 4 lbs.\$2.60

LOUDEN



Non-Adjustable

Flexible joint, steel roller bearings, black japanned. For use on No. 487 or other flat track.

Each

No. 1273—3 in. wheel; $5\frac{1}{4} \times 1\frac{3}{4}$ in. apron; for doors $1\frac{3}{4}$ in. thick; wt. per pair 7 lbs.\$1.20

One in a box, with bolts.

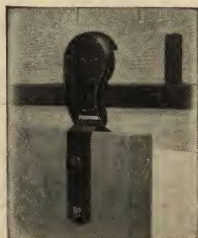
Non-Adjustable

Malleable iron frame, flexible joint, steel roller bearings, black japanned. For use on No. 487 or other flat track.

Per pair

No. 1477—3 in. diameter wheel; 6 in. apron; for doors 2 in. thick; wt. per pair 5 lbs.\$2.00

One pair in a box, with bolts.



SLIDING DOOR HANGERS

CANNON BALL JUNIOR

Non-Adjustable



Flexible joint, hardened steel roller bearings, black japanned. For use in No. 1088 track.

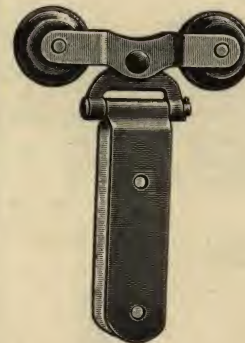
Per pair

No. 1061— $1\frac{3}{8}$ in. steel ball wheels; $5 \times 1\frac{3}{4}$ in. apron $\frac{1}{8}$ in. thick, punched for $\frac{1}{8}$ in. bolts; for doors 2 in. thick, weighing up to 250 lbs.; wt. per pair $3\frac{1}{2}$ lbs.\$1.80

Clearance between bottom of track and top of door 1 in., bottom of track to center of hole in bracket $2\frac{3}{4}$ in.

One pair in a box, with bolts.

CANNON BALL



Non-Adjustable

Flexible joint, roller bearings; black japanned. For use in Nos. 387, 681 or 933 track.

Per pair

No. 384— $2\frac{1}{4}$ in. diameter wheels; $6\frac{1}{2} \times 1\frac{3}{4}$ in. apron $\frac{1}{8}$ in. thick, punched for $\frac{1}{8}$ in. bolts; for doors 2 in. thick, weighing up to 400 lbs.; wt. per pair $5\frac{3}{4}$ lbs.\$2.50

Clearance between bottom of track and top of door 1 in.; bottom of track to center of hole in bracket $3\frac{5}{8}$ in.

One pair in a box, with bolts.



Lateral and Vertical Adjustments and Adjustment for Thickness of Doors.

Flexible joint, roller bearings, black japanned. For use on Nos. 387, 681 or 933 track.

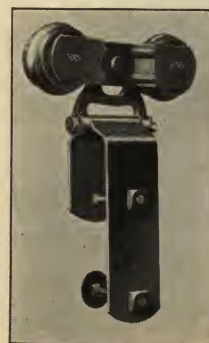
Per pair

No. 1068— $2\frac{1}{4}$ in. diameter wheels; $6\frac{1}{2} \times 3\frac{1}{2}$ in. apron $\frac{1}{8}$ in. thick, punched for $\frac{1}{8}$ in. bolts; for doors $1\frac{3}{4}$ to $2\frac{1}{2}$ in. thick, weighing up to 400 lbs.; weight per pair 8 lbs.\$3.50

Clearance between bottom of track and top of door $1\frac{1}{4}$ to 2 in.; bottom of track to center of hole in bracket $3\frac{5}{8}$ inch.

One pair in a box, with bolts.

LOUDEN



Non-Adjustable

Flexible joint, steel roller bearings, malleable iron yoke, black japanned. For use in No. 911 track.

Per pair

No. 902—2 in. diameter gray iron wheels, $5\frac{3}{4} \times 1\frac{3}{4}$ in. apron; for doors $1\frac{3}{4}$ in. thick; weight per pair 6 lbs.\$2.50

One set in a box, with bolts, end stops and splices for track.

SLIDING DOOR HANGERS

LOUDEN

**Lateral and Vertical Adjustments**

Flexible joint, roller bearings, malleable iron yoke, black japanned. For use in No. 911 track.

Per pair

No. 1467—2 in. diameter gray iron wheels; $1\frac{3}{4} \times 6\frac{1}{4}$ in. apron; for doors $1\frac{3}{4}$ in. thick; weight per pair 8 lbs.\$3.30

One pair in a box, with bolts, end stops and splices for track.

**Non-Adjustable**

Flexible joint, roller bearings, malleable iron yoke, black japanned. For use in No. 1348 track.

Per pair

No. 1367—2½ in. diameter gray iron wheels; $1\frac{3}{4} \times 6$ in. apron; for doors $1\frac{3}{4}$ in. thick; weight per pair 7 lbs.\$2.70

Six pairs in a box, with bolts and track end stops.

**Lateral and Vertical Adjustments**

Flexible joint, roller bearings, malleable iron yoke, black japanned. For use in No. 1348 track.

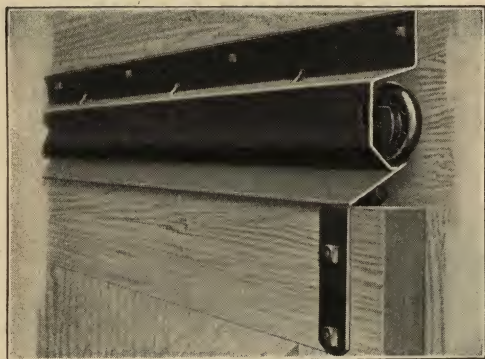
Per pair

No. 1449—2½ in. diameter gray iron wheels; $1\frac{3}{4} \times 6$ in. apron; for doors $1\frac{3}{4}$ in. thick; weight per pair 8 lbs.\$3.30

Six pairs in a box, with bolts and track end stops.

SLIDING DOOR TRACK

LOUDEN "RAINTITE"

**14 Gauge Steel, Black Japanned**

A one-piece steel track that completely houses the hanger trolleys and covers top of door making it weatherproof. Fastened to building by lag screws spaced 12 in. apart. Lag screws furnished with track.

Per foot

No. 1348—Inside dimensions $3 \times 1\frac{7}{8}$ in., in lengths of 6, 8 and 10 ft.; weight per foot $2\frac{1}{2}$ lbs.\$0.40

Open stock.

SLIDING DOOR TRACK

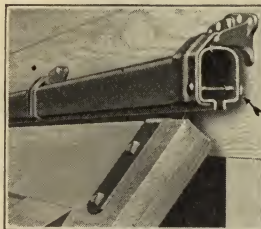
LOUDEN BIRD PROOF

14 Gauge Steel, Black Japanned

Illustration shows track with wall bracket and track clamp. View also shows end stop bolted in track.

Per foot

No. 911—Inside dimensions $1\frac{5}{8} \times 2\frac{1}{8}$ in., in lengths of 4, 6, 8 and 10 ft., without brackets; weight per foot $1\frac{3}{4}$ lbs.\$0.33

**BIRD PROOF TRACK BRACKETS AND CLAMPS****Malleable Iron Bracket, Wrought Steel Clamp**

Joint in track support permits track to swing out from the building making it easy to dislodge trash and dirt which may collect behind track.

Per set

No. 1337—Set consists of one clamp and one bracket; weight per set $\frac{3}{4}$ lb.\$0.20

Open stock.

S. W. TROLLEY**16 Gauge Steel, Black Japanned**

Per foot

No. X2641—Inside dimensions $2\frac{3}{8} \times 1\frac{3}{8}$ in.; in lengths of 6 and 10 ft.; weight per foot $1\frac{3}{4}$ lbs.\$0.29

Open stock.

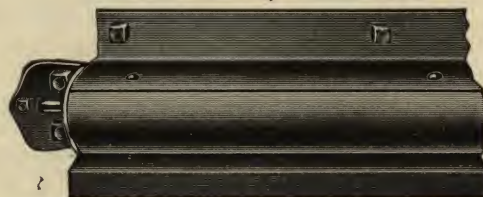
CANNON BALL, "SEAL-TITE"

Illustration shows track and end bracket. End brackets not furnished with track.

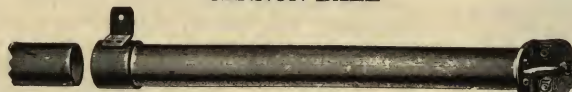
13 Gauge Steel, Japanned

Regular standard Cannon Ball Track with weather-proof apron riveted on. Supports track and makes a weather-tight installation.

Per foot

No. 933—Inside diameter $2\frac{1}{4}$ in.; in lengths of 6 and 8 feet; weight per foot $3\frac{1}{2}$ lbs.\$0.46

Open stock.

CANNON BALL

View showing section of track and center and end brackets. Brackets not furnished with track.

Tubular, 13 Gauge Steel, Japanned

Per foot

No. 387—Inside diameter $2\frac{1}{4}$ in.; in 3 ft. lengths; wt. per foot $2\frac{1}{2}$ lbs.\$0.34

No. 681—Inside diameter $2\frac{1}{4}$ in., in lengths of 6 and 8 ft.; weight per foot $2\frac{1}{2}$ lbs.34

CANNON BALL JUNIOR**Tubular, 16 Gauge Steel, Japanned**

Per foot

No. 1088—Inside diameter $1\frac{1}{2}$ in.; in 3 ft. lengths; weight per foot $1\frac{1}{2}$ lbs.\$0.24

Open stock.

SLIDING DOOR TRACK

CANNON BALL CURVES



For Curved Installations

For use with Nos. 387 and 681 track and No. 1027 hanger.

Each

No. 712—Inside diameter $2\frac{1}{4}$ in., center radius 12 in., corner to middle of bracket joining curve to straight track $14\frac{1}{2}$ in.; weight each 5 lbs.\$2.80

Open stock.

LOUDEN "ROLL-EASY"



Wrought Steel; Brackets Riveted On

Per foot

No. 487— $\frac{3}{16}$ x $1\frac{1}{4}$ in.; in lengths of 4, 6 and 8 ft.; wt. per foot 1 lb.\$0.14

Open stock.

TRACK BRACKETS

S. W. TROLLEY



Wrought Steel, Japaned

For use with No. X2641 track.

Per dozen

No. X2650C—Center side; weight per dozen 9 lbs.\$3.85

Open stock.

Wrought Steel, Japaned

For use with No. X2641 track.

Per dozen

No. X2651D—Double center side; wt. per dozen 42 lbs.\$10.80

Open stock.

Wrought Steel, Japaned

For use with No. X2641 track.

Per dozen

No. X2652—Center overhead parallel or cross ear; weight per dozen 15 lbs.\$4.10

Open stock.

STAY ROLLERS

Wrought Steel, Japaned

Adjustable and reversible.

Per dozen

No. 2559 $\frac{1}{2}$ — $4\frac{1}{2}$ x $3\frac{1}{2}$ x $1\frac{1}{4}$ in., 2 in. diameter wheel; weight per dozen 12 lbs. \$2.70
One-half dozen in a box, with screws.

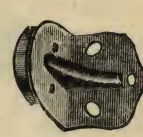
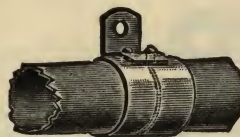
Wrought Steel, Japaned

Per dozen

No. 2559— 5 x $1\frac{7}{8}$ in. lag screw, 2 in. diam. wheel; wt. doz. 6 lbs....\$2.00
One-half dozen in a box.

TRACK BRACKETS

CANNON BALL



Nos. 682 and 1063

Nos. 683 and 1064

Nos. 680 and 1065

Wrought Steel, Japaned

With hole for $\frac{3}{8}$ in. lag screw.

Per dozen

No. 682—Splice bracket; used to join and support ends of track; weight per dozen 12 lbs.\$3.20

No. 683—Intermediate brackets; used to support track between joints; weight per dozen 12 lbs. 3.20

No. 680—End brackets; used to close up and support ends of track; weight per dozen 8 lbs. 3.20

CANNON BALL JUNIOR

Wrought Steel, Japaned

With hole for $\frac{1}{8}$ in. lag screw.

Per dozen

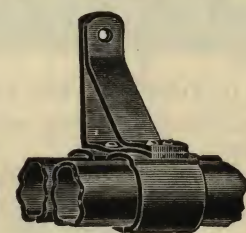
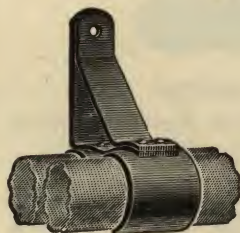
No. 1063—Splice bracket; used to join and support ends of track; weight per dozen 6 lbs.\$1.85

No. 1064—Intermediate bracket; used to support track between joints; weight per dozen 6 lbs. 1.85

No. 1065—End bracket; used to close up and support ends of track; wt. per dozen 5 lbs. 1.85

Open stock.

CANNON BALL, DOUBLE



Nos. 696 and 1083

Nos. 803 and 1084

Nos. 698 and 1085

Wrought Steel, Japaned

With hole for $\frac{3}{8}$ in. lag screw.

Per dozen

No. 696—Splice bracket; used to join and support ends of parallel track; weight per dozen 40 lbs.\$8.40

No. 803—Intermediate bracket; used to support parallel track between joints; weight per dozen 40 lbs. 8.40

No. 698—End bracket; used to close up and support ends of parallel track; weight per dozen 15 lbs. 8.40

CANNON BALL JUNIOR, DOUBLE

Wrought Steel, Japaned

With hole for $\frac{1}{8}$ in. lag screw.

Per dozen

No. 1083—Splice bracket; used to join and support ends of parallel track; weight per dozen 25 lbs.\$6.75

No. 1084—Intermediate bracket; used to support parallel track between joints; weight per dozen 25 lbs. 6.75

No. 1085—End bracket; used to close up and support ends of parallel track; weight per dozen 8 lbs. 5.05

Open stock.

STAY ROLLERS

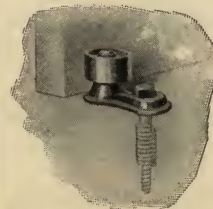
Malleable Iron Base, Gray Iron Wheel

For installation in concrete floors. Adjustable base with teeth on underside that hold stay roller firmly in place.

Complete with anchor bolt and spiral.

Per dozen

No. 1377— $1\frac{5}{8}$ x $\frac{7}{8}$ in. wheel, $\frac{1}{8}$ x $3\frac{7}{8}$ in. anchor bolt; weight per dozen 9 $\frac{1}{4}$ lbs.\$5.75
Open stock.



SASH WEIGHTS



Cast Iron

Per 100 pounds

Round, Single Eye—3 to 20 lbs.\$4.00
Sectional—1/2 lb. 8.00

Approximate Weight, Diameter and Length

Weight, pounds	Diameter, inches	Length, inches	Weight, pounds	Diameter, inches	Length, inches
3	1 1/2	7 1/2	10	1 3/4	17 1/2
3 1/2	1 1/2	8 1/2	10 1/2	1 3/4	18 1/2
4	1 1/2	10	11	1 3/4	19
4 1/2	1 1/2	11 1/2	11 1/2	1 3/4	19 1/2
5	1 1/2	12 1/2	12	1 3/4	20 1/2
5 1/2	1 1/2	13 1/4	13	1 3/4	22
6	1 1/2	14	14	1 3/4	23 1/2
6 1/2	1 1/2	15	15	1 3/4	25
7	1 1/2	16	16	2	21 1/2
7 1/2	1 1/2	17	17	2	22 1/2
8	1 1/2	18	18	2	23 3/4
8 1/2	1 1/2	19	19	2	25 1/2
9	1 1/2	19 1/2	20	2	26 1/2
9 1/2	1 1/2	20 1/2			

Open stock.

SASH CORD
SILVER LAKE



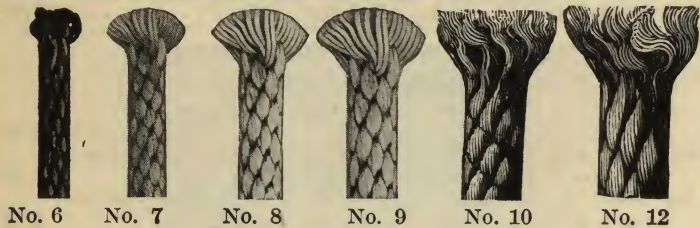
In 100 ft. Tube-hanks, Two Connected

Fine white cotton yarn, free from waste, perfectly braided and smoothly finished.

Nos.	7	8	9	10
Diameter, in.	$\frac{3}{2}$	$\frac{1}{4}$	$\frac{3}{2}$	$\frac{5}{8}$
For weights, lbs.	10 to 15	15 to 25	25 to 35	35 to 45
Approx. feet per pound	55	44	36	27
Wt. dozen hanks, lbs.	22	27	33	44
Per pound	\$ Subject to market fluctuations			
One dozen tubehanks in a box.				

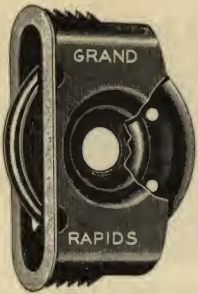
Drake Special

Solid braided, of strictly long fibre, pure cotton stock, smooth finished. A strictly high grade article.



Nos.	6	7	8
Diameter, in.	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{4}$
For weights, lbs.	Less than 10	10 to 15	15 to 25
Approx. feet per pound	66	55	44
Weight dozen hanks, lbs.	18	22	27
Per pound.....	\$ Subject to Market Fluctuations		
Nos.	9	10	12
Diameter, in.	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$
For weights, lbs.	25 to 35	35 to 45	Over 45
Approx. feet per pound	36	27	20
Weight dozen hanks, lbs.	33	44	60
Per pound.....	\$ Subject to Market Fluctuations		
One dozen hanks in a bundle.			

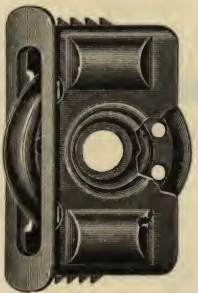
SASH PULLEYS
GRAND RAPIDS



Wrought Steel, Cone Bearing

Saw-tooth fastening device holds pulley securely. Face plate does not require countersinking. Every pulley a perfect fit. 2 in. wheel, 1 1/8 x 2 1/8 in. face plate, 5/8 x 2 1/2 in. mortise.

Per dozen
No. 175—Black weather-proof finish;
wt. per dozen 1 1/2 lbs.\$0.85
Open stock.



Wrought Steel, Cone Bearing

Automatic saw-tooth fastening device holds pulley securely without the use of screws or nails. 2 in. wheel, 1x3 in. face plate, 1 1/8 x 2 1/8 in. mortise.

Per dozen
No. 110—Black weather-proof finish;
wt. per dozen 1 1/2 lbs.\$0.85
Open stock.



Wrought Steel, Ball Bearing

Tongue fastening device is more secure than screws or nails. Face plate does not require countersinking. No cutting or trimming. Every pulley a perfect fit. 2 in. wheel, 1 1/8 x 2 1/8 in. face, 5/8 x 2 1/2 in. mortise.

Per dozen
No. 5—Black weather-proof finish;
wt. per dozen 1 3/4 lbs.\$0.95
Open stock.

DILLON JAM-PROOF



Wrought Steel; For Cord or Chain

Reinforced housing so formed that sash cord cannot slip off wheel or become jammed. Steel mouse tape furnished upon request where sash chain is to be used. 2 in. wheel, 4 1/2 x 1 in. face plate 1/8 in. thick.

Per dozen
No. 7000—Baked oil finish; weight per dozen 2 1/2 lbs.\$0.90
Open stock.

SASH BALANCES
PULLMAN

Wrought Steel, Rust-proofed Finish

6x1 in. face plate, 3 7/8 x 3 7/8 in. mortise.



Nos.	For sash lbs.	Lgth. tape, in.	Wt. set, lbs.	Per set of 4
2A	4 to 5	46	3 1/2	\$4.00
3A	5 to 7	46	4	4.00
4A	7 to 9	46	4 1/4	4.00
5A	9 to 11	46	4 1/2	4.65
6A	11 to 13	46	4 1/2	4.65
7A	13 to 15	46	4 1/2	4.65
8A	15 to 17	46	5	4.95
9A	17 to 19	46	5	4.95
10A	19 to 21	46	5	4.95
11A	21 to 23	46	5 1/4	5.60
12A	23 to 25	46	8 1/4	5.60
13A	25 to 27	46	8 1/2	5.60
14A	27 to 29	46	8 1/2	5.60
Open stock.				

PULLEYS

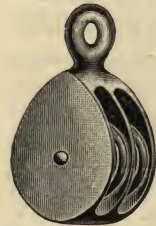
TACKLE OR AWNING



Cast Iron, Single Wheel,
Solid Eye

No. 174—Cadmium Plated.
Size wheel, in. $\frac{3}{4}$ 1
For rope, in. $\frac{1}{8}$ $\frac{1}{4}$
Wt. doz., lbs. $1\frac{1}{2}$ 2
Per dozen\$0.88 1.00

Size wheel, in. $1\frac{1}{4}$ $1\frac{1}{2}$ 2
For rope, in. $\frac{1}{4}$ $\frac{5}{8}$ $\frac{7}{8}$
Wt. dozen, lbs. $2\frac{1}{2}$ $4\frac{1}{2}$ 10
Per dozen\$1.35 1.70 3.45
 $\frac{3}{4}$ to $1\frac{1}{2}$ in., one dozen; 2 in., one-half
dozen in a box.

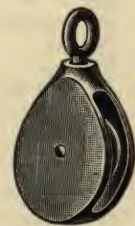


Cast Iron, Double Wheel,
Solid Eye

No. 176—Cadmium
Plated.

Size wheel, in. 1
For rope, in. $\frac{1}{4}$
Wt. doz., lbs. $3\frac{1}{2}$
Per dozen\$1.70

Size wheel, in. $1\frac{1}{4}$ $1\frac{1}{2}$ 2
For rope, in. $\frac{1}{4}$ $\frac{5}{8}$ $\frac{7}{8}$
Wt. doz., lbs. 4 7 8
Per dozen\$2.25 3.05 5.60
1 to $1\frac{1}{2}$ in., one dozen; 2 in., one-half
dozen in a box.



Cast Iron, Single Wheel,
Swivel Eye

No. 173—Cadmium Plated.
Size wheel, in. 1 $1\frac{1}{4}$
For rope, in. $\frac{1}{4}$ $\frac{1}{2}$
Wt. doz., lbs. $2\frac{1}{4}$ $2\frac{1}{2}$
Per dozen\$1.15 1.45
Size wheel, in. $1\frac{1}{2}$
For rope, in. $\frac{5}{8}$
Wt. dozen, lbs. $4\frac{1}{2}$
Per dozen\$2.30

One dozen in a box.

SCREW

Cast Iron, Single Wheel

No. 45—Japanned.

Size wheel, in. 1 $1\frac{1}{2}$
For rope, in. $\frac{1}{4}$ $\frac{1}{2}$
Wt. dozen, lbs. 1 $1\frac{3}{4}$
Per dozen\$0.60 .95

Size wheel, in. 2
For rope, in. $\frac{5}{8}$
Wt. dozen, lbs. 3
Per dozen\$1.40

One dozen in a box.

SIDE

Cast Iron, Single Wheel

No. 25—Japanned.

Size wheel, in. $1\frac{1}{2}$ 2
For rope, in. $\frac{1}{4}$ $\frac{5}{8}$
Wt. dozen, lbs. $2\frac{1}{4}$ $3\frac{3}{4}$
Per dozen\$1.20 2.05

Size wheel, in. 3
For rope, in. $\frac{7}{8}$
Wt. dozen, lbs. 12
Per dozen\$4.25

$1\frac{1}{2}$ and 2 in., one dozen; 3 in., one-half
dozen in a box.

PULLEYS

CLOTHES LINE



Cast Iron, Cadmium Plated

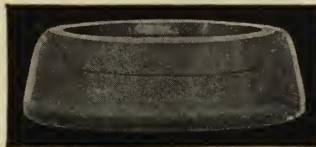
Per dozen
No. 163— $2\frac{1}{2}$ in. wheel,
for $\frac{5}{8}$ in. rope; wt.
per dozen $6\frac{3}{4}$ lbs..\$3.60
One dozen in a box.



Cast Iron, Cadmium
Plated

Per dozen
No. 166—Jointed; for $\frac{5}{8}$ in. rope;
weight per dozen $3\frac{3}{4}$ lbs.....\$2.55
One dozen in a box.

CASTER CUPS



Clear Glass

No. 2545
made with
rounded
base.

Nos. 2545 2544
Outside diameter, in. $2\frac{5}{8}$ $2\frac{7}{8}$
Inside diameter, in. $1\frac{5}{8}$ $1\frac{7}{8}$
Weight dozen, lbs. $2\frac{1}{2}$ $2\frac{3}{4}$
Per dozen\$0.60 .60

Nos. 2546 2547
Outside diameter, in. 3 4
Inside diameter, in. $2\frac{1}{8}$ $3\frac{1}{8}$
Weight dozen, lbs. $3\frac{3}{8}$ $8\frac{1}{2}$
Per dozen\$0.70 1.30

Nos. 2545 to 2546 twelve dozen; No. 2547,
six dozen in a carton.

CASTERS

DOMES OF SILENCE



$\frac{1}{2}$ in. $\frac{5}{8}$ in. $\frac{3}{4}$ in.

Case Hardened Steel Disc, Highly
Polished

Size, in. $\frac{3}{8}$ $\frac{1}{2}$ $\frac{5}{8}$
Wt. gross sets, lbs. 4 $5\frac{1}{4}$ $7\frac{1}{2}$
Per dozen sets of 4...\$1.60 1.60 1.60

Size, in. $\frac{3}{4}$ $\frac{7}{8}$ $1\frac{1}{8}$
Wt. gross sets, lbs. 8 $8\frac{1}{2}$ 10
Per dozen sets of 4...\$1.60 1.60 2.40

One-third gross sets in a box.

FAULTLESS CUSHION GLIDES



Hardened Steel Base,
Rubber Insulation

Center pin flexible,
permitting glide to fit
closely to chair leg.

Oxidized Copper Finish

Nos. NRS $\frac{7}{8}$ NRS $1\frac{1}{8}$ NRS $1\frac{1}{4}$
Diam. base, in. $\frac{7}{8}$ $1\frac{1}{8}$ $1\frac{1}{4}$
Per set of 4\$0.25 .30 .35

Approximate weight per set 5 ounces.
One set in a box.

CASTERS

FAULTLESS METAL BED



Ball Bearing

Bed post sizes tested
are outside diameter or
outside measurements.

Steel Wheel, Bright
Steel Finish

For round bed posts.

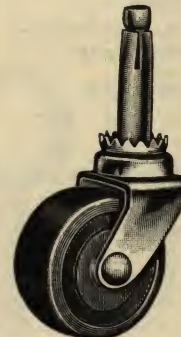
No. 1503
Size wheel, in. $1\frac{1}{8}$
For bed post, in. $\frac{5}{8}$
Wt. set, lbs. $\frac{1}{8}$
Per set of 4\$0.36

Nos. 1505 1506 1508
Size wheel, in. $1\frac{1}{4}$ $1\frac{3}{8}$ $1\frac{5}{8}$
For bed post, in. 1 $1\frac{1}{4}$ 1.9
Weight set, lbs. $\frac{11}{16}$ 1 $1\frac{1}{4}$
Per set of 4\$0.42 .56 .70

For square bed posts

Per set of 4
No. 1508X— $1\frac{5}{8}$ in. wheel, for $1\frac{1}{2}$ x
 $1\frac{1}{2}$ in. bed posts; wt. set $1\frac{1}{4}$
lbs.\$0.70
Nos. 1503 and 1505, six sets; No. 1506,
four sets; Nos. 1508 and 1508X, two
sets in a box.

FAULTLESS, GRIP NECK



Ball Bearing

Stem securely fasten-
ed to caster. Caster
swivels on ball race
filled with hardened
steel balls.

Grip neck socket for
 $\frac{3}{8}$ in. bore.

Rockite Composition
Wheel, Nickel Finish

Nos. 4733 4735 4738
Size wheel, in. $1\frac{1}{8}$ $1\frac{1}{4}$ $1\frac{5}{8}$
Wt. set, lbs. $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$
Per set of 4\$0.46 .52 .62

One set in a box.

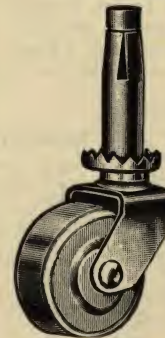
Steel Wheel, Bright Steel Finish

Nos. 4503 4505 4508
Size wheel, in. $1\frac{1}{8}$ $1\frac{1}{4}$ $1\frac{5}{8}$
Wt. set, lbs. $\frac{1}{2}$ $\frac{5}{8}$ $\frac{7}{8}$
Per set of 4\$0.36 .40 .48

Six sets in a box.

Plain Bearing

A plain bearing neat
appearing caster design-
ed for light duty. All
metal parts made of
heavy gauge steel. Fits
standard $\frac{3}{8}$ in. bore.



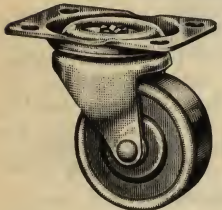
Steel Wheel, Bright Steel Finish

Nos. 3503 3505 3508
Size wheel, in. $1\frac{1}{8}$ $1\frac{1}{4}$ $1\frac{5}{8}$
Wt. set, lbs. $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$
Per set of 4\$0.24 .30 .36

Six sets in a box.

CASTERS

FAULTLESS, PLATE



Ball Bearing

Heavy gauge steel; large ball race; hardened steel balls in swivel head.

Faultless steel wheel.

Steel Wheel; Bright Steel Finish

Nos.	5503	5505
Size wheel, in.	1 1/8	1 1/4
Plate, in.	1 1/8 x 1 3/4	1 x 1 3/4
Weight set, lbs.	1/2	3/8
Per set of 4.	\$0.34	.40
No.	5508	
Size wheel, in.	1 5/8	
Plate, in.	1 3/4 x 2 1/4	
Weight set, lbs.	1	
Per set of 4.	\$0.48	

Six sets in a box.



Ball Bearing

Heavy gauge steel; large ball race; hardened steel balls in swivel head.

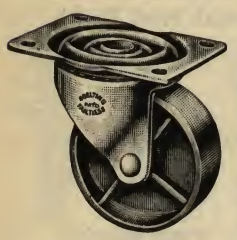
Rockite composition wheel.

Rockite Wheel, Nickel Finish

Nos.	5733	5735
Size wheel, in.	1 1/8	1 3/4
Plate, in.	1 1/8 x 1 3/4	1 3/8 x 1 3/4
Weight set, lbs.	7/8	1/2
Per set of 4.	\$0.46	.52
No.	5738	
Size wheel, in.	1 5/8	
Plate, in.	1 3/4 x 2 1/4	
Weight set, lbs.	1	
Per set of 4.	\$0.64	

One set in a box.

FAULTLESS; SWIVEL TRUCK



Ball Bearing

Extra heavy gauge steel. Special king pin construction holds caster in perfect alignment; top plate deeply corrugated to prevent bending. Large diameter axle.

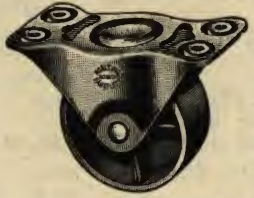
Semi-Steel Wheel

Nos.	108-2	108-2 1/2
Size wheel, in.	2	2 1/2
Height over all, in.	2 1/8	3 1/4
Plate, in.	1 7/8 x 2 1/8	2 3/4 x 3 3/4
Weight set, lbs.	2 1/2	6
Per set of 4.	\$1.22	2.36
Nos.	108-3	108-4
Size wheel, in.	3	4
Height over all, in.	3 1/8	5
Plate, in.	3 1/8 x 4 1/8	4 x 5
Weight set, lbs.	9	16
Per set of 4.	\$3.20	6.40

Open stock.

CASTERS

FAULTLESS, RIGID TRUCK



Heavy gauge steel deeply corrugated to resist strains.

Heavy axle securely anchored to horn. Large diameter axle.

Semi-Steel Wheel

Nos.	508-2 1/2	508-3
Size wheel, in.	2 1/2	3
Height over all, in.	3 1/4	3 1/8
Plate, in.	2 1/4 x 4 1/2	2 1/2 x 5
Weight set, lbs.	4	5
Per set of 4.	\$1.75	2.35
No.	508-4	
Size wheel, in.	4	
Height over all, in.	5	
Plate, in.	3 1/8 x 6 1/4	
Weight set, lbs.	14	
Per set of 4.	\$3.75	

Open stock.

CEILING HOOKS

Steel Wire

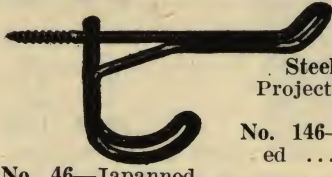
Projection 2 in.
Per gross
No. 25—Japanned; weight per gross 8 lbs.\$3.10
One-half gross in a box.



COAT AND HAT HOOKS

Steel Wire

Projection 3 in.
Per gross
No. 146—Coppered\$1.90
No. 46—Japanned 2.00



Cast Iron

Projection 3 in.
Per dozen
No. OB-406—Dull brass\$0.80
No. AB-406—Antique copper80
No. 6—Japanned75



COSTUMER HOOKS

Cast Iron

Projection 3 in., height over all 6 in.
Per dozen
No. 7390-C—Dull bronze\$1.90
No. 7390-B—Antique copper 1.90
Weight per dozen 3 1/2 pounds.
One dozen in a box, with screws.



SCHOOL-HOUSE HOOKS

Heavy Cast Iron

Projection 3 in.
Per dozen
No. 90—Japanned, weight per dozen 3 3/4 lbs.\$1.00
Three dozen in a box.



CLOTHES LINE HOOKS

Cast Iron, Cadmium Plated
Per dozen



No. 22—2 in. projection; weight per dozen 2 3/4 lbs.\$1.00
Two dozen in a box.

LINE CLEATS



Malleable Iron, Galvanized

Nos.	114	115
Length, in.	4 1/2	6
Weight per dozen, lbs.	7/8	1 1/2
Per dozen	\$0.80	1.30

Two dozen in a box.

PORCH SWING HOOKS

Wrought Steel



Sharp threads and points.

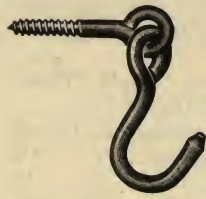
No. 322—Cadmium Plated

Diameter, in.	1/8	3/8
Length over all, in.	3 1/2	4 1/8
Length to bend, in.	2 1/4	2 3/8
Weight per dozen, lbs.	1 1/4	2
Per dozen	\$0.50	.60

One dozen in a box.

HAMMOCK HOOKS

Wrought Steel



With Screw Eye

Size of wire 5/8 in.
Per dozen
No. 128—Tinned; wt. per dozen 2 3/4 lbs.\$0.90
One dozen in a pair.

Wrought Steel; with Plate



Size of plate 1 3/4 x 1 3/4 in.; size of wire 1/8 in.

Per dozen
No. 138—Tinned; wt. per dozen 3 lbs.\$1.10
One dozen in a box.

CUP HOOKS



No. 81

Brass Wire

Projection, in.	1/2	5/8	3/4	7/8
Wt. gross, lbs.	1/4	1/8	1/2	3/4
Per gross	\$3.75	3.85	4.00	4.50
Projection, in.	1	1 1/4	1 1/2	
Wt. gross, lbs.	1 1/4	2 1/4	3 1/4	
Per gross	\$5.25	9.00	11.00	

One gross in a box.

SCREW HOOKS



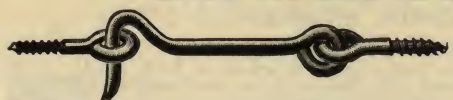
No. 412—Brass Wire

Proj., in.	1/2	5/8		
Wt. gross, lbs.	%	%		
Per gross	\$3.75	3.85		
Projection, in.	3/4	1	1 1/4	
Wt. gross, lbs.	1	1 1/4	1 %	
Per gross\$4.00	4.50	5.25	9.00

One gross in a box.

One gross in a box.

GATE HOOKS AND EYES



No. 40—Bright Steel Wire

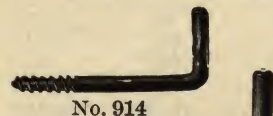
Length, in.	1½	2	2½	3	4
Weight gross, lbs.	3	4½	5½	9	12
Per gross	\$1.75	2.00	2.50	3.00	4.00

No. W40—Cadmium Plated

Length, in.	1½	2	2½
Per gross	\$1.75	2.00	2.50

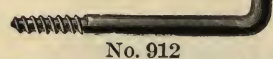
1½ in., one gross; 2 to 4 in., one-half gross in a box.

WIRE SCREW HOOKS



No. 914

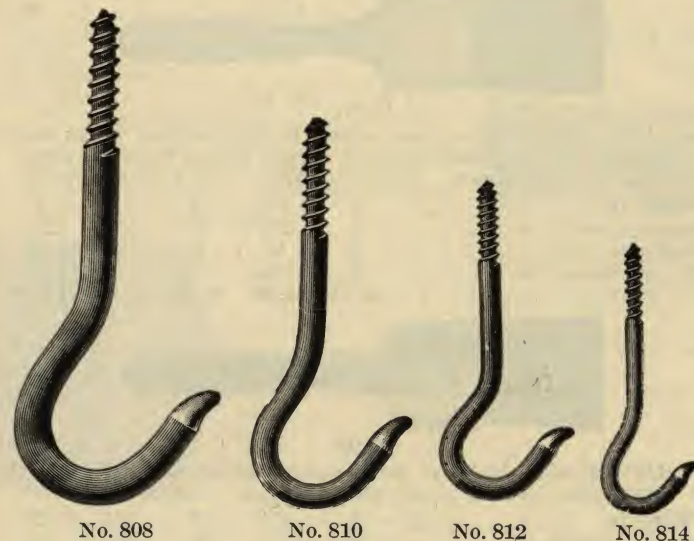
Bright Steel Wire, Square



No. 912

Nos.	906	908	910	912	914
Size wire, Nos.	6	8	10	12	14
Length over all, in.	2½	2¾	1½	1¾	1
Length hook, in.	¾	¾	¾	¾	¾
Weight gross, lbs.	3½	2¾	1¾	1½	¾
Per gross	\$1.50	1.10	.85	.70	.50

One gross in a box.



No. 808

No. 810

No. 812

No. 814



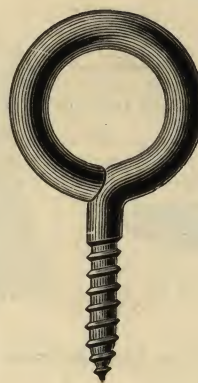
No. 806

Bright Steel Wire

Nos.	800	801	802	803	804	805
Size wire, Nos. ..	0	1	2	3	4	5
Lgth. over all, in.	4½	4½	4½	4½	3¾	3½
Ins. dia. hook, in.	1½	1½	1½	1½	¾	¾
Weight gross, lbs.	19¼	15¼	12¾	10½	8½	6½
Per gross	\$4.75	4.00	3.50	2.75	2.25	2.00
Nos.	806	808	810	812	814	
Size wire, Nos.	6	8	10	12	14	
Length over all, in.	3¾	2¾	2¾	1½	1½	
Inside diam. hook, in.	1½	1½	1½	¾	¾	
Weight gross, lbs.	5½	3	1½	¾	¾	
Per gross	\$1.50	1.10	.85	.70	.50	

Nos. 0 to 5, one-half gross; balance, one gross in a box.

WIRE SCREW EYES



No. 6



No. 8



No. 10



No. 12



No. 14

Bright Steel Wire, Large Eye

Nos.	0	1	2	3	4
Size wire, Nos.	0	1	2	3	4
Length over all, in.	2½	2½	2½	2½	2½
Length shank, in.	1½	1½	1½	1½	1½
Inside diam. eye, in.	1½	1½	1½	1½	1½
Weight gross, lbs.	14½	11¾	9¼	7½	5¾
Per gross	\$3.60	3.00	2.50	2.00	1.60
Nos.	6	8	10	12	14
Size wire, Nos.	6	8	10	12	14
Length over all, in.	1½	1½	1½	1½	1½
Length shank, in.	¾	¾	¾	¾	¾
Inside diam. eye, in.	¾	¾	¾	¾	¾
Weight gross, lbs.	3½	2¾	1¾	1½	¾
Per gross	\$1.00	.75	.55	.45	.40

Nos. 0 to 4, one-half gross; balance, one gross in a box.



No. 106



No. 110



No. 112



No. 114

No. 106 Bright Steel, Wire Medium Eye

Nos.	104	106	108	110
Size wire, Nos.	4	6	8	10
Length over all, in.	2½	1½	1½	1½
Length shank, in.	1½	¾	¾	¾
Inside diam. eye, in.	¾	¾	¾	¾
Weight gross, lbs.	5	3¼	2	1½
Per gross	\$1.60	1.00	.75	.55
Nos.	112	114	114½	
Size wire, Nos.	12	14	14	
Length over all, in.	1½	1½	1½	
Length shank, in.	¾	¾	¾	
Inside diameter eye, in.	¾	¾	¾	
Weight gross, lbs.	¾	¾	¾	
Per gross	\$0.45	.40	.40	

Bright Steel Wire, Small Eye

Nos.	205	206	208	210
Size wire, Nos.	5	6	8	10
Length over all, in.	1¾	1¾	1¾	1¾
Length shank, in.	1¾	¾	¾	¾
Inside diam. eye, in.	¾	¾	¾	¾
Weight gross, lbs.	3¾	2¾	1½	1
Per gross	\$1.30	1.00	.75	.55
Nos.	212	214	214½	215½
Size wire, Nos.	12	14	14	15
Length over all, in.	1½	1½	1½	1½
Length shank, in.	¾	¾	¾	¾
Inside diam. eye, in.	¾	¾	¾	¾
Weight gross, lbs.	½	¼	¼	¼
Per gross	\$0.45	.40	.40	.40

One gross in a box.

WALL PAINT BRUSHES

"FOSS-SET"

For Use in Anything

A chemically inert setting, insoluble in oil, turpentine, alcohol, water or anything that will not injure the bristles. Will not swell, no matter how long it remains in any material. The bristles retain their natural animal oils and flexibility.



Big Girl

No. 1297—Thick, very best selected black Chinese bristles properly mixed. Extra long stock and very full.

Width, in.	3 1/2	4
Length bristles, in.	4 7/8	
Wt. per dozen, lbs.	8	9 1/8
Per dozen	\$46.50	59.00



Friendly Painter

No. 1264—Pure black Chinese bristles, Foss-Set; extra long tapering stock; nickel plated ferrule; polished beaver tail handle.

Size Nos.	24	25
Width, in.	3 1/2	4
Length bristles, in.	4	4 1/4
Wt. per dozen, lbs.	6 7/8	7 3/4
Per dozen	\$33.50	40.00

Joe

No. 1288—Selected, pure, black Chinese bristles; Foss-Set; nickel plated ferrule; polished beaver tail handle.

Width, in.	3	3 1/2	4
Length bristles, in.	3 3/8	3 7/8	4 7/8
Weight per dozen, lbs.	4 3/4	6	6 3/4
Per dozen	\$21.50	29.50	36.50



Fad

No. 1272—Black Chinese bristles, Foss-Set; nickel plated ferrule; selected natural polished handle.

Width, in.	3	3 1/2	4
Length bristles, in.	3 1/8	3 3/8	3 5/8
Wt. per dozen, lbs.	4 5/8	5 5/8	6 1/8
Per dozen	\$14.00	19.00	24.00



Onliwon

Black Chinese bristles, nickel plated ferrules, polished two-color handle. Foss-set.

Nos.	50	75	100
Width, in.	3	3 1/2	4
Length bristles, in.	2 3/4	2 7/8	3 1/4
Weight per dozen, lbs.	4	5 1/2	6 1/2
Per dozen	\$8.00	12.00	16.00

All above, one-half dozen in a box.

PAINT OR VARNISH BRUSHES

"EXTRA SHASTA"

For Use in Anything

Particularly adapted for every purpose where a high grade paint or varnish brush is required. Bristles held by compression in nickel plated steel ferrules. No tacks used.



No. 47—Pure black Chinese bristles, long stock specially prepared. Foss-Set.

Size, Nos.	33	44	55
Width, in.	2 1/8	2 5/8	3 1/8
Length bristle, in.	2 7/8	3 1/8	3 3/8
Weight per dozen, lbs.	3 1/8	4 1/8	5 1/8
Per dozen	\$9.30	13.30	19.00

Size No. 33, one dozen; Size Nos. 44 and 55, one-half dozen in a box.

VARNISH BRUSHES

"FOSS-SET"

For Use in Anything

A chemically inert setting, insoluble in oil, turpentine, alcohol, water or anything that will not injure the bristles. Will not swell no matter how long it remains in any material. The bristles retain their natural animal oils and flexibility.



Forge

No. 1132—Double thick chisel bristle flowing varnish brush best quality black Chinese bristles, nickel plated ferrules, cedar, stained wood handle.

Width, in.	1	1 1/2	2	2 1/2	3
Length bristle, in.	2	2 1/4	2 1/2	2 3/4	2 3/4
Thickness, in.	1/8	1/2	3/8	5/8	1 1/8
Wt. per dozen, lbs.	7/8	1 3/8	2 1/4	3	4 1/8
Per dozen	\$3.50	4.80	6.40	9.60	12.50

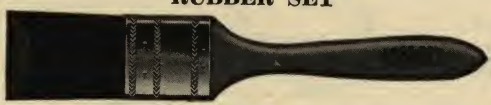


Folly

No. 1133—Double thick flat chisel varnish brush, natural polished semi-round handle, nickel plated ferrule. Chinese bristles.

Width, in.	1	1 1/2	2	2 1/2	3
Length bristles, in.	2 1/8	2 1/8	2 3/8	2 5/8	2 7/8
Thickness, in.	3/8	1/8	1 1/8	3/4	1 1/8
Weight per dozen, lbs.	3/4	1 3/8	2	2 1/8	3 1/8
Per dozen	\$2.70	3.20	5.00	6.50	10.00

RUBBER SET



Tippy

No. 140—Rubber set, Chinese bristles, nickel plated ferrules, colored handles.

Width, in.	1	1 1/2	2
Length bristles, in.	2	2	2
Thickness, in.	3/8	1/8	3/8
Weight per dozen, lbs.	5/8	1 1/8	1 1/2
Per dozen	\$1.60	2.40	4.00

Duz

No. 101—Rubber set, black Chinese bristles, nickel tin ferrules, colored handles.

Width, in.	1	1 1/2	2
Length bristles, in.	1 7/8	1 7/8	1 7/8
Thickness, in.	1/8	3/8	3/8
Weight per dozen, lbs.	3/4	1	1 1/8
Per dozen	\$1.50	1.90	2.40

All above, one dozen in a box.

FLAT SASH, CUTTER OR TRIM BRUSHES

DEWEY

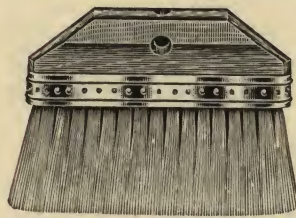


No. 1136—Best quality black Chinese bristles, Foss-Set nickel plated ferrules, long smooth unvarnished handle.

Width, in.	1	1½	2
Length bristles, in. ..	2¼	2¾	2¾
Wt. per doz., lbs.	1¾	1¾	2¾
Per dozen	\$4.60	6.00	7.90

One dozen in a box.

WHITEWASH BRUSHES



Selected White Tampico

Trim 3 in., orange polished block.

Without metal band.

Nos.	7021	8021
Size block, in.	7	8
Rows	2x16	2x18
Wt. dozen, lbs.	6	6¾
Per dozen	\$4.00	4.80

One dozen in a carton.

KALSOMINE BRUSHES

MONGOL



Black bristle casing, fibre mixed center, stout nicked ferrule, natural lacquered handle.

No. 384—7 in. wide, bristles 3¼ in. long, wt. per doz. 12 lbs.	Per dozen \$27.60
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One-quarter dozen in a box.

HAN KOW



Pure black Chinese bristles, nicked ferrules, two colored enameled blocks with round handle. A very attractive and popular brush at a low price for the householder.

No. 404—6 in. wide, bristles 3½ in. long, 7/8 in. thick; weight per dozen 9 lbs.	Per dozen \$27.00
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One-quarter dozen in a box.

ROOFING BRUSHES



Gray Tampico Fibre

Cadmium plated seamless steel ferrules, solid hardwood ferrules 1½ in. wide. One tapered staff hole.

No. 666—3¼ in. Trim

Knots	3	4
Length of block, in.	6¼	8½
Wt. dozen, lbs.	14½	19¼
Per dozen	\$13.20	18.00

No. 683—3½ in. Trim

Knots	3	4
Length block, in.	6¼	8½
Wt. dozen, lbs.	17	21¾
Per dozen	\$18.00	21.00

One dozen in a carton.

STENCIL BRUSHES

CHINESE



No. 505—Black Chinese bristles, nickel plated ferrule, metal center. Cannot dry out, shrink or come apart.

Size, Nos.	4	6	8
Diam., in.	7/8	1½	1¾
Length bristles, in. ..	1¼	1¾	1½
Wt. dozen, lbs.	2½	3½	3½
Per dozen	\$7.20	8.20	10.50

One dozen in a box.

GLUE BRUSHES

ROUND



All black bristles, seamless nickel steel ferrules. Iron handle.

No. 556—Size, No. 4, 1 in. diameter, bristles 2¼ in. long; weight per dozen 1½ lbs.	Per dozen \$8.20
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One-half dozen in a box.

MARKING BRUSHES



No. 515—Black bristles, tin ferrule, natural handle.

Size, Nos.	2	4	6
Length bristle, in.	1½	1½	1½
Wt. per doz., lbs.	1½	1½	1½
Per dozen	\$0.65	1.00	1.40

One gross in a box.

ARTISTS' BRUSH ASSORTMENT

SUPERIOR



Camel hair water color brushes. Handles lacquered in assorted colors.

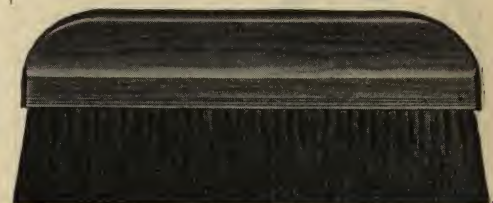
Per card

No. 565 Assortment—Two dozen assorted sizes 1 to 6 on a card; wt. per doz. cards ½ lb.\$1.50

One-half dozen cards in a box.

PAPER HANGERS' SMOOTHING BRUSHES

FLIGHT

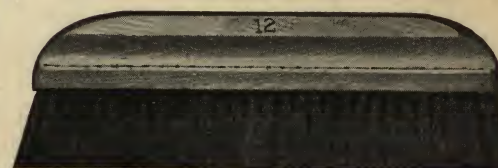


Chinese bristles, Foss-Set, new knotted construction. A very light and comfortable brush for use in high grade paper hanging.

No. 1446—12 in. long, bristles 2½ in. long, three rows, ¾ in. block; weight per dozen 8½ lbs.	Per dozen \$39.00
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One-third dozen in a box.

CLIMAX



Yellow fibre bristles, sturdy wire drawn and staple driven construction.

No. 416—10 in. long, bristles 2 in. long, two rows, ¾ in. block; wt. per dozen 6½ lbs.	Per dozen \$6.00
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One-half dozen in a box.

READY MIXED HOUSE PAINT

XTRA VALUE



A high quality paint for all exterior wood surfaces.

Easy to mix and apply, hides well and one gallon will cover about 300 sq. ft., two coats. Has extra durability and when properly applied according to directions will give long service.

List of Regular Colors:

XV424—Ivory
XV425—Light Gray
XV423—Straw
XV427—Colonial Yellow
XV441—Dark Gray
XV426—Cream
XV430—Green tint
XV431—Medium Gray
XV432—Cottage Brown

XV433—Pale Blue
XV435—Pea Green
XV437—Tan
XV439—Blue Gray
XV442—Sash Green
XV445—Inside White
XV434—Outside White
XV447—Black

Size can	1 gal.	1 qt.
Cans in case	4	6
Wt. case, lbs.	72	28
Per can	\$3.60	1.10

BIG VALUE



Represents an excellent value for the money as it spreads easily, hides the old paint well and has good wearing qualities.

Applied as directed, this paint will cover from 250 to 275 sq. ft. per gallon two coats

List of Regular Colors:

BV926—Ivory
BV935—Cream
BV917—Light Gray
BV924—Green Tint
BV900—Straw
BV927—Medium Gray
BV902—Colonial Yellow
BV931—Cottage Brown

BV928—Dark Gray
BV907—Pale Blue
BV922—Pea Green
BV916—Tan
BV912—Blue Gray
BV920—Sash Green
BV945—Inside White
BV946—Outside White
BV947—Black

Size can	1 gal.	1 qt.
Cans in case	4	6
Wt. case, lbs.	54	21
Per can	\$2.60	.80

FLAT WALL FINISH

BIG VALUE

A beautiful velvety finish that lends itself to all interior decoration. Easy to put on without showing brush marks or laps, and can be washed without harming the finish.

On new or unpainted plaster, a sealing coat of No. BV27 PrimerSealer is essential.

List of Regular Colors:

BV206—Ivory
BV207—Cream
BV215—Silver Gray
BV210—Pale Blue
BV214—Orchid

BV208—Light Tan
BV213—Pink
BV211—Primrose Green
BV203—White

Size can	1 gal.	1 qt.
Cans in case	4	6
Wt. case, lbs.	68	26
Per can	\$2.60	.80

SEMI-GLOSS FINISH

BIG VALUE



Covering capacity 400 sq. ft. per gallon.

This paint is a happy medium between flat and gloss providing a soft lustre that is washable and very durable.

It is equally adaptable for use on walls, ceilings, or woodwork or on plaster, metal, brick or concrete.

List of Regular Colors:

BV194—Ivory
BV195—Cream
BV198—Silver Gray
BV200—Pale Blue
BV188—Orchid
BV187—Light Buff

BV202—Light Tan
BV197—Lettuce Green
BV201—Primrose Green
BV193—White

Size can	1 gal.	1 qt.	1 pt.
Cans in case	4	6	6
Wt. case, lbs.	64	24	13
Per can	\$3.60	1.10	.62

INTERIOR GLOSS FINISH

BIG VALUE

A high gloss finish for interior walls, woodwork and ceilings. Often used in place of enamel.

Easily applied and may be washed repeatedly without injury to the finish. Covering capacity about 350 sq. ft. per gallon.

List of Regular Colors:

BV1761—Ivory
BV1753—Cream
BV1757—Silver Gray
BV1759—Pale Blue
BV1762—Orchid
BV1763—Light Buff

BV1765—Light Tan
BV1755—Lettuce Green
BV1752—Primrose Green
BV1764—White

Size can	1 gal.	1 qt.	1 pt.
Cans in case	4	6	6
Wt. case, lbs.	53	21	11
Per can	\$2.90	.90	.54

4-HOUR ENAMEL

BIG VALUE



Suitable for either interior or exterior use on furniture, woodwork, automobiles, boats, lawn furniture, etc.

Easy to apply and quick to dry. Has great hiding power, high lustre, ease of application and durability.

List of Regular Colors:

BV1084—Ivory
BV1076—Light Blue
BV1082—Pearl Gray
BV1077—Orange
BV1075—Royal Blue
BV1087—Apple Green
BV1083—Yellow
BV1081—Cream

BV1074—Chinese Red
BV1080—Pink
BV1073—Rich Green
BV1079—Jade
BV1088—Brown
BV1078—Orchid
BV1085—White
BV1086—Black

Size can	1 gal.
Cans in case	6
Wt. case, lbs.	15
Per can	\$1.00

ENAMEL UNDERCOAT

BIG VALUE



A good undercoat is absolutely essential to a satisfactory enamel job. It must hide the old finish, if any, dry to a smooth flat surface and provide a "tooth" for the enamel.

Big Value enamel undercoat does these things easily and satisfactorily at a low cost per job.

No. BV78

Size can	1 gal.	1 qt.	1 pt.
Cans in case	4	6	6
Wt. case, lbs.	63	25	14
Per can	\$3.30	1.00	.60

FLOOR AND PORCH ENAMEL

BIG VALUE



Wood or concrete floors can be beautified and preserved with this enamel. Can be used inside or outside. It dries hard yet elastic, and repeated cleaning will not harm it.

Its covering capacity is approximately 350 sq. ft. per gallon.

List of Regular Colors:

BV338—Light Yellow
BV375—Light Oak
BV380—Dust
BV377—Pearl Gray

BV382—Light Brown
BV387—Slate
BV379—Maroon
BV383—Brown

Size can	1 gal.	1 qt.	1 pt.
Cans in case	4	6	6
Wt. case, lbs.	45	16	9
Per can	\$2.80	.88	.54

ROOF AND BARN PAINT

BIG VALUE



A quick selling paint of unusual merit. Has excellent durability and will cover about 300 sq. ft. per gallon, two coats.

No. BV488—Bright Red

Size can	5 gal.	1 gal.
Cans in case	1	4
Wt. case, lbs.	55	48
Per can	\$8.50	1.80

WAGON AND IMPLEMENT PAINT

BIG VALUE



The ideal finish for wagons, trucks, tractors, implements and tools.

The colors are permanent and give adequate protection.

List of Regular Colors:

BV265—Red	BV268—Yellow
BV264—Green	BV269—Black
BV271—Tractor Gray	
Size can .....1 gal.	1 qt. 1 pt.
Cans in case 4	6 6
Wt. case, lbs. 35	15 8
Per can .....\$3.00	.96 .56

ALUMINUM PAINT

BIG VALUE



Put up in double compartment cans for mixing on the job. A popular finish that will meet with instant approval from every user. Imparts a silver effect while protecting the surface from rust and decay.

No. BV1706—Ready to Mix

Size can .....1 gal.	1 qt. 1 pt.
Cans in case 4	6 6
Wt. case, lbs. 38	16 9
Per can .....\$4.20	1.36 .76

SCREEN ENAMEL

BIG VALUE



Dries a brilliant gloss black finish that prevents rust of the wire and decay of the wooden frame. Will not clog the mesh.

No. BV309—Black

Size can .....1 gal.	1 qt.
Cans in case 4	6
Wt. case, lbs. 32	13
Per can .....\$1.20	.40

PRIMER-SEALER

BIG VALUE

Retards the action of lime in the plaster, seals the pores thoroughly and forms an excellent base for finish coats.

This Primer-Sealer should also be used over plaster patches before painting.

No. BV27

Size can .....1 gal.	1 qt.
Cans in case 4	6
Wt. can, lbs. 39	16
Per can .....\$2.30	.80

VARNISH STAIN

BIG VALUE



These beautiful natural wood colors are easy to apply and dry quickly. They can be used on floors, woodwork or furniture and have remarkable durability.

Being transparent they will not obscure the grain of the wood.

List of Regular Colors:

BV651—Light Oak	BV654—Mahogany
BV652—Dark Oak	BV649—Grnd. Color
BV653—Walnut	

Size can	1 gal.	1 qt.	1 pt.
Cans in case	4	6	6
Wt. case, lbs.	34	12	8
Per can	\$2.50	.80	.50
Note —Ground color weighs 63 lbs. per case of 4 gals., and 17 lbs. per case of 6 qts.			

PAINT AND VARNISH REMOVER

BIG VALUE



Powerful solvents make this remover easy to use. It will not raise the grain of the wood and stays wet long enough to work easily.

No. BV35

Size can .....1 gal.	1 qt.
Cans in case 6	6
Wt. case, lbs. 49	13
Per can .....\$1.90	.62

4-HOUR SPAR VARNISH

BIG VALUE



There is a universal demand for a high quality quick drying varnish at a modest price. Big Value 4-Hour Spar supplies that need. It is equally good on outside or inside work, on floors, furniture or wood trim.

No. BV68

Size can .....1 gal.	1 qt. 1 pt.
Cans in case 6	6 6
Wt. case, lbs. 53	14 7
Per can .....\$3.20	1.00 .60

FLOOR AND TRIM VARNISH

BIG VALUE

For floors, furniture and woodwork. A real bargain is found in this low priced varnish.

Has good wearing qualities and will give maximum service.

No. BV9

Size can .....1 gal.	1 qt. 1 pt.
Cans in case 6	6 6
Wt. case, lbs. 53	14 7
Per can .....\$2.40	.80 .50

SPAR VARNISH

XTRA VALUE



Resists any and all destructive forces such as traffic film, cleaning preparations, rain, cold and heat and is also proof against burning alcohol, boiling oil, strong acids and caustic solutions.

New synthetic gums and highly refined and treated oils are employed to secure these wonderful characteristics.

No. XV131

Size can .....1 gal.	1 qt. 1 pt.
Cans in case 6	6 6
Wt. case, lbs. 53	14 7
Per can .....\$4.80	1.40 .80

LINOLEUM VARNISH

BIG VALUE



A water-white varnish for linoleum, congoium and other cork or felt base floor coverings. It is very elastic resists traffic and water and stands up under repeated cleaning.

No. BV13

Size can .....1 qt.	1 pt.
Cans in case 6	6
Wt. case, lbs. 14	7
Per can .....\$1.16	.66

METAL PAINT

LIBERTY, ARMORIZE



A general purpose protective paint for all surfaces. Preserves, waterproofs, protects any surface against rust, weather, corrosive acid, and alkali fumes, decay and dampness.

Highly recommended for all metal surfaces, exterior or interior, even over rusted metal.

Dries quickly with a high gloss, will not crack or peel. Can be applied by brush, spray or dipped.

Regular Colors

Aluminum	Red	
Black	Green	
In Cans		
Size can, gals.	1	5
Cans in case	6	1
Aver. wt. case, lbs.	60	47
Black .....Per gal.	\$3.50	3.30
Red .....Per gal.	3.70	3.50
Green .....Per gal.	4.60	4.40
Aluminum .....Per gal.	6.20	5.70

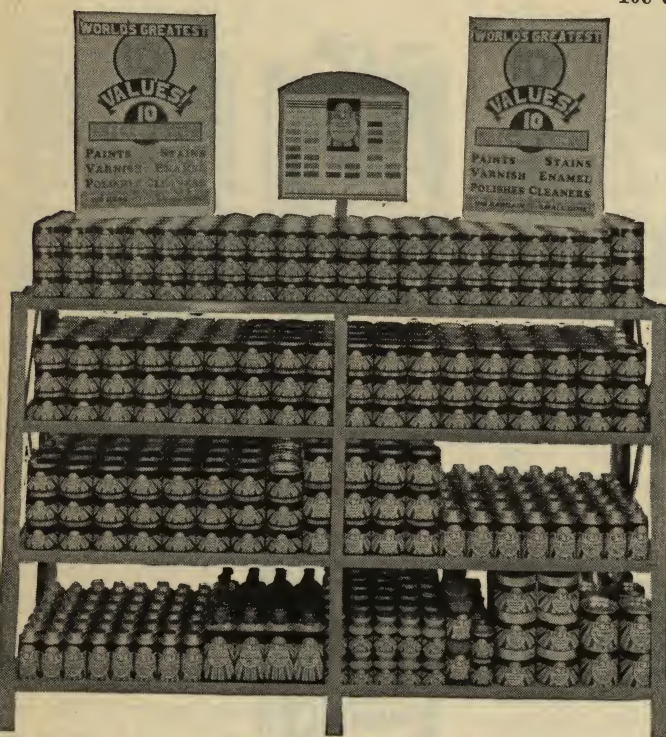
In Drums

Size drum, gals.	30	55
Aver. wt. drum, lbs.	280	507
Black .....Per gal.	\$3.10	3.00
Red .....Per gal.	3.30	3.20
Green .....Per gal.	4.20	4.10
Aluminum .....Per gal.	5.00	4.70

DRAKE HARDWARE COMPANY

BIG VALUE PRODUCTS

10c & 25c SELLERS



Free Display Rack

This line has been produced for the retail hardware merchant to enable him to meet all competition and at the same time make a good profit. It permits carrying small stocks and to secure increased turnover.

Made up in only the necessary number of colors and sizes and packed in small units. The line includes many other specialties that are in daily demand.

Made on established formulas of proven merit and are fully guaranteed.

FREE DISPLAY RACKS

Rack for 10c Sellers

54 in. long—34 in. high—16 in. deep—wt. each 64 lbs.

Free with 72 doz. Big Value 10c items.

1—Self-selling Display Rack (to left). 1—Framed Color Card.

1—Giant Window Poster. 500—Two Color Circulars.
10c sizes must be ordered by the dozen.

Rack for 25c Sellers

37 in. long—34 in. high—15 in. deep—wt. each 38 lbs.

Free with 20 doz. Big Value 25c items.

1—Self-selling Display Rack (to left). 12—Store or Window Sale Pen-nants.
1—Giant Window Poster. 1—Framed Color Card.

25c sizes must be ordered by the half-dozen.

PREPARED PAINTS

A good quality product for interior and exterior use. Spreads well and is durable.

Nos.	Nos.
933—Light Gray	4942—Yellow
934—Straw	4943—Blue
935—Light Green	4944—Pink
936—Light Brown	4945—Pea Green
937—Dark Brown	4946—Tan
938—Dark Gray	4947—Red
939—Sash Green	4948—White
940—Ivory	4949—Black
941—Cream	

Size	10c	25c
Size cans	6 oz.	1 pt.
Cans in carton	12	6
Wt. carton, lbs.	8	10

FLAT WHITE PAINT

Dull finish good covering and spreading capacity.

No. 4931		
Size	10c	25c
Size cans	4 oz.	10 oz.
Cans in carton	12	6
Wt. carton, lbs.	7	7

FLAT BLACK PAINT

For picture frames, furniture or other surfaces where a dead flat finish is wanted.

No. 4926		
Size	10c	25c
Size cans	4 oz.	10 oz.
Cans in carton	12	6
Wt. carton, lbs.	5	5½

4-HOUR ENAMEL

A wear-proof, water-proof high gloss, durable enamel, for all interior decorative purposes.

Nos.	Nos.
4910—Rich Green	4918—Cream
4911—Chinese Red	4919—Pearl Gray
4912—Royal Blue	4920—Yellow
4913—Light Blue	4921—Ivory
4914—Orange	4922—Apple Green
4915—Orchid	4923—Brown
4916—Jade Green	4924—White
4917—Pink	4925—Black

Size	10c	25c
Size cans	4 oz.	10 oz.
Cans in carton	12	6
Wt. carton, lbs.	5	6

FLOOR ENAMEL

A wear-proof, mar-proof High Gloss Enamel for floors, stairways, concrete, etc.

Nos.	Nos.
5078—Gray	5081—Yellow
5079—Lead	5082—Dust
5080—Tan	5083—Olive Green

Size	25c
Size can	10 oz.
Cans in carton	6
Wt. carton, lbs.	6

BLACK ENGINE ENAMEL

A high gloss, heat-resisting finish for engines or other metal surfaces.

No. 4907		
Size	10c	25c
Size cans	4 oz.	10 oz.
Cans in carton	12	6
Wt. carton, lbs.	4¾	5

MOTOR CAR ENAMEL

A durable black of unusual brilliance. Weather-proof and water-proof. Half doz. in carton; wt. carton 5 lbs.

No. 4909

Size	25c
Size cans	10 oz.
Cans in carton	6
Wt. carton, lbs.	5

SCREEN ENAMEL

Preserves, renews and beautifies screens. Prevents rust. Will not clog the mesh.

No. 4958—Black

Size	10c	25c
Size cans	6 oz.	1 pt.
Cans in carton	12	6
Wt. carton, lbs.	6	7

STOVE PIPE AND IRON ENAMEL

A jet black, heat-proof gloss enamel for stoves, ranges and all interior and exterior metal surfaces.

No. 4959

Size	10c	25c
Size cans	6 oz.	1 pt.
Cans in carton	12	6
Wt. carton, lbs.	7	7

TOUCH-UP BLACK

A durable, high gloss black for touching up fenders and all black work on auto bodies.

No. 4960

Size	10c
Size can	6 oz.
Cans in carton	12
Wt. carton, lbs.	6

BIG VALUE PRODUCTS

10c & 25c SELLERS

COLORS IN OIL

Triple Ground Extra Strong

Attractive counter rack free with 12 dozen tubes. Shipping weight of rack 8 lbs.

Nos.	Nos.
4871—Chr. Yell. Med.	4889—Amer. Vermilion
4874—Yellow Ochre	4890—Venitian Red
4875—White Lead	4893—Raw Umber
4878—Lamp Black	4894—Burnt Umber
4883—Chr. Green Med.	4895—Raw Sienna
4884—Chr. Green Deep	4896—Burnt Sienna
4887—Prussian Blue	

Size	10c
Size tubes	1x4 in.
Tubes in carton	12
Weight carton, lbs.	1½

PAINT AND VARNISH REMOVER

An efficient remover. Remains wet for a long time and permits easy removal of old film.

No. 4978

Size	10c	25c
Size can	4 ozs.	1 pt.
Cans in carton	12	6
Wt. carton, lbs.	7	7½

CLEAR LACQUER

A water-white clear gloss finish that dries hard in thirty minutes. Brush or spray.

No. 5005

Size	25c
Size can	6 ozs.
Cans in carton	6
Wt. carton, lbs.	3½

SHELLAC

Three pound cut in denatured alcohol. Suitable for all purposes.

No. 4984—Orange		No. 4987—White	
Size	10c		25c
Size can	2 ozs.		6 ozs.
Cans in carton	12		6
Wt. carton, lbs.	5		5

TURPENTINE

Pure gum turpentine from choicest southern pine.

No. 4977

Size	10c	25c
Size	4 oz. bottle	10 oz. can
No. in carton	12	6
Wt. carton, lbs.	7	5

LINSEED OIL

The best grade of Linseed Oil. Used to reduce paint when too heavy.

No. 4980—Boiled	No. 4988—Raw	
Size	10c	25c
Size can	4 ozs.	10 ozs.
Cans in carton	12	6
Wt. carton, lbs.	5	6

GOLD AND ALUMINUM ENAMEL

A bronzing enamel with unusual brilliance and good opacity.

25c sizes comes in double compartment can, 4 oz. of liquid and 1 oz. of powder. 10c size comes ready mixed in 2 oz. bottles.

No. 4985—Gold		No. 4986—Aluminum	
Size	10c		25c
Size	2 oz. bottle		5 oz. can
No. in carton	12		12
Wt. carton, lbs.	5		6

BRONZING LIQUID

A good quality vehicle for mixing with aluminum and gold powder to make gold and aluminum enamels.

No. 4969

Size	10c
Size can	6 ozs.
Cans in carton	12
Wt. carton, lbs.	6

LINOLEUM VARNISH

An extra pale, water-white, durable, high gloss finish, that doesn't discolor pattern.

No. 5092

Size	25c
Size can	1 pt.
Cans in case	6
Weight case, lbs.	7

VARNISH STAIN

Stains and varnishes in one application, saving time, money and labor. Pure staining colors combined with durable high gloss varnish.

Nos.	Nos.
4950—Ground	4953—Walnut
4951—Light Oak	4954—Mahogany
4952—Dark Oak	4955—Clear

Size	10c	25c
Size can	4 ozs.	10 ozs.
Cans in carton	12	6
Wt. carton, lbs.	4½	5

Weight exceptions—Ground weighs 7½ lbs. per carton in 4 oz. cans and 8 lbs. per carton in 10 oz. cans.

OIL STAIN

For application to new wood, to bring out beauty of grain, before varnishing or waxing.

Nos.	Nos.
4901—Dark Oak	4903—Walnut

Size	10c
Size can	4 ozs.
Cans in carton	12
Wt. carton, lbs.	5

JAPAN DRIER

For use in providing proper drying qualities to paints and varnishes.

No. 4970

Size	10c
Size can	6 ozs.
Cans in carton	12
Wt. carton, lbs.	6

PUTTY

A good grade that works easily under the knife and permits a smooth professional finish.

No. 4965

Size	10c
Size cans	14 ozs.
Cans in carton	12
Wt. carton, lbs.	12

WOOD PATCH

A paste for repairing cuts, cracks, and holes in wood. Can be finished over the same as wood.

No. 4991

Size	10c
Size can	2½ ozs.
Cans in carton	12
Wt. carton, lbs.	3

PATCHING PLASTER

A powder to be mixed with water to make a quick-setting plaster for filling cracks and holes in walls.

No. 5073

Size	10c
Size can	16 ozs.
Cans in carton	12
Wt. carton, lbs.	16

PASTE WOOD FILLER

Made in natural color for filling open grained wood before varnishing.

No. 4899

Size	25c
Size can	10 ozs.
Cans in carton	6
Wt. carton, lbs.	9

FURNACE CEMENT

A compound which seals cracks and joints around the fire pot of heating plants.

No. 4964

Size	10c	25c
Size cans	11 ozs.	27½ ozs.
Cans in carton	12	6
Wt. carton, lbs.	12	14

ROOF CEMENT

A plastic asbestos product for water and weather-proofing roofs. Repairs can easily be made by any handy man.

No. 4963

Size	10c	25c
Size cans	10 ozs.	25 ozs.
Cans in carton	12	6
Wt. carton, lbs.	10	13

BIG VALUE PRODUCTS

10c & 25c SELLERS

GASKET CEMENT

In bottles with handy swab for application. Gives air-tight seal.

No. 4992

Size	10c
Size bottle	2 oz.
Bottles in carton	12
Wt. carton, lbs.	5

RUBBER CEMENT

For tire patching and repairing all rubber goods. Also used by artists and art students in place of library paste

No. 5014

Size	10c
Size tubes	1x6 in.
Tubes in carton	12
Weight carton, lbs.	3

AUTO TOP DRESSING

Protects, preserves and beautifies tops, leather upholstering, etc.

No. 4966

Size	10c	25c
Size cans	8 oz.	20 oz.
Cans in carton	12	6
Wt. carton, lbs.	8	10

BRUSH CLEANER

A powder product, to be mixed with water, to remove hardened paint from old brushes and restore them to usable shape.

No. 5027

Size	10c
Size box	4 oz.
Boxes in carton	12
Wt. carton, lbs.	4

PAINT CLEANER

Used as a soft soap, for washing paint, varnish and enameled surfaces and for cleaning carpets and rugs.

No. 4993

Size	10c
Size can	13 oz.
Cans in carton	12
Wt. carton, lbs.	14

WALLPAPER CLEANER

A dough-like substance that possesses extra fine cleaning qualities. Restores paper to original brilliance.

No. 4995

Size	10c
Size can	12 oz.
Cans in carton	12
Wt. carton, lbs.	11

DRAIN PIPE CLEANER

A powder of exceptional cleansing strength for opening clogged plumbing pipes. Will not injure metal.

No. 4961

Size	10c
Size can	6 oz.
Cans in carton	12
Weight carton, lbs.	7

MACHINE OIL

A very high grade lubricating oil for household and shop use.

No. 4982

Size	10c
Size bottle	6 oz.
Bottles in carton	12
Wt. carton, lbs.	9

MOTH SPRAY

A sure-fire killer and preventative against moths and other insects.

No. 4974

Size	10c	25c
Size	4 oz. bot.	10 oz. can
No. in carton	12	6
Wt. carton, lbs.	5	4½

FLY KILLER

A spray for killing flies, mosquitoes and insects of all kinds. Not poisonous to humans or animals.

No. 4971

Size	10c
Size bottle	4 oz.
Bottles in carton	12
Wt. carton, lbs.	7

LIQUID SOLDER

Applied without flame or heat. It serves majority of purposes for which regular solder is used.

No. 5025

Size	10c
Size tube	1x4 in.
Tubes in carton	12
Wt. carton, lbs.	1

LIQUID GLUE

A powerful adhesive. May be used for mending as well as all library purposes.

No. 5017

Size	10c
Size tubes	1x6 in.
Tubes in carton	12
Wt. carton, lbs.	3

HAND SOAP

Paste

A sanitary cleanser that removes grease, ink and dirt of all kinds, leaving hands smooth and healthy.

No. 4994

Size	10c
Size can	6 oz.
Cans in carton	12
Wt. carton, lbs.	16

NEATSFOOT OIL

For softening leather shoes, etc., dressing leather belts and harness.

No. 4990

Size	25c
Size bottle	6 oz.
Bottles in carton	12
Wt. carton, lbs.	10

PINE TAR

For tree surgery or used as preventative against vermin around chicken houses.

No. 4999

Size	10c
Size can	6 oz.
Cans in carton	12
Wt. carton, lbs.	7

STOVE POLISH

Paste

A high gloss black, easily applied and quickly brought to a brilliant polish.

No. 4930

Size	10c
Size can	4 oz.
Cans in carton	12
Wt. carton, lbs.	5

SILVER POLISH

An easy-to-use polish that removes stains and restores lustre.

No. 5089

Size	10c
Size bottles	2 oz.
Bottles in carton	12
Wt. carton, lbs.	5

LIQUID WAX

A superior polish for floors, furniture, automobile bodies, etc. Easy to apply.

No. 4983

Size	10c	25c
Size	4 oz. bot.	10 oz. can.
No. in carton	12	6
Wt. carton, lbs.	7	4¾

CEDAR OIL POLISH

A furniture, floor and woodwork polish. Also used for polishing automobiles.

No. 4981

Size	10c	25c
Size	6 oz. bot.	1 pt. can
No. in carton	12	6
Wt. carton, lbs.	9	7

WATER GLASS

For preserving eggs, etc. Also used as mucilage.

No. 5098

Size	25c
Size can	1 qt.
Cans in carton	6
Wt. carton, lbs.	20

WHITE LEAD

DUTCH BOY SOFT PASTE



85% Pure White Lead,
15% Pure Linseed Oil

Strictly pure "Lead-in-Oil" in a more convenient, time-saving form. Extremely fine and perfectly uniform.

Saves all the labor and time of breaking up.

In Steel Kegs.

Size Kegs, Lbs. 12½ 25 50 100
Per pound \$ Market

DUTCH BOY HEAVY PASTE

Strictly Pure

"Lead-in-Oil" in a convenient time-saving form; extremely fine and perfectly uniform.

Saves all the labor and time of breaking up.

In Cans

Size Cans, Lbs. 1 5
Per pound \$ Market

DRY WHITE LEAD

DUTCH BOY Strictly Pure

Dry white pigment, made from refined pig lead, of exceptional fineness and high tinting strength.

In Steel Kegs

Size Kegs, Lbs. 12½ 25 50 100
Per pound \$ Market

RED LEAD IN OIL

DUTCH BOY

Finely Ground in Strictly Pure
Linseed Oil

A beautiful brilliant red of extreme fineness of texture. Has great covering capacity. Mixes readily with linseed oil and will stand more reducing than any other red lead.

In Steel Kegs

Size Kegs, Lbs. 12½ 25 50 100
Per pound \$ Market

DRY RED LEAD

DUTCH BOY SOUTHERN

Used largely for sealing pipe joints and fittings to prevent leakage and rust. Also used for structural steel painting. Mixes readily with linseed oil.

In Steel Kegs

Size Kegs, Lbs. 12½ 25 50 100
Per pound \$ Market

WHITE WASH

LUCKY

Per package
Lucky—In 5 lb. packages \$0.50

PLASTIC WOOD

Plastic wood is wood compounded with a chemical binder in the form of paste, which hardens on exposure to the air. After hardening, it has all the characteristics of wood except grain and will not chip, crumble, crack or disintegrate.



In Tubes—Natural Color

Per dozen
1x4½ In. Tubes—Cap 1½ oz. wt. per
dozen 2½ lbs. \$4.00
Three dozen in a carton.

In Cans—Natural Color

Size, Cans, lbs. ... ¼ 1
No. in carton 36 12
Wt. per doz., lbs. 4¾ 16
Per dozen \$5.60 16.00

In Tubes—Color Assortment

Assortment consists of one dozen tubes as follows: 2 light mahogany, 2 dark mahogany, 2 oak, 2 walnut, 1 ebony, 1 cedar, 1 gum wood, 1 tile cement.

Per assortment
No. 12—Weight per assortment 2½
lbs. \$4.00
One assortment in a display carton.

PLASTIC WOOD SOLVENT



Renews Plastic Wood or Tile Cement that has hardened in the can, gives them the desired consistency and is valuable for cleaning hands or tools after using Plastic Wood or Tile Cement.

Per dozen
Plastic Wood Solvent—3 oz. cans;
wt. per dozen 2 lbs. \$4.00
One dozen in a carton.

PATCHING PLASTER

RUTLAND



A fine white powder which needs only to be mixed with water. For repairing breaks in plastered walls.

Sets slowly. Will not shrink away from the edges of the patch and does not need to be shellacked before painting.

Size Pkg., lbs. . 2½ 5 8 15
Pkgs. in case .. 24 12 6 4
Per dozen \$3.24 5.40 7.60 10.80

CONCRETE PATCHER

RUTLAND



Needs only to be mixed with water to be ready for use. Saves the bother of getting small quantities of sand and cement.

For repairing holes or cracks in cement or concrete work.

Wt. pkg., lb. 3¼ 6½
Pkgs. in case 24 12
Per dozen .. \$3.60 6.00

PUTTY

RELY-ON



A quality material suitable for glazing wood sash and for general putty uses about the home and factory. Will not shrink, crack or crumble.

In Cans

Size can, lbs. 1
Cans in carton 48
Wt. carton, lbs. 57
Per dozen \$1.70

In Drums

Size drums, lbs. 25 50
Each \$2.20 4.20

WOOD TURPENTINE

HERCULES STEAM DISTILLED

Will thin and properly mix with the pigments of paint and varnish. A better solvent has better leveling qualities, shows fewer brush marks and will not discolor whites or affect other coloring material. Fresh and pure, with a pleasant pine odor.

Per gallon
50 gal.—Returnable drum Market
30 gal.—Returnable drum Market
5 gal. can—1 in a tilting crate Market
1 gal. can—10 in a case Market
1 qt. can—20 in a case Market
Average weight 7 lbs. per gallon.

PAINT BRUSH CLEANER

WOOSTER



Easy to use, clean soft, hard or dry used brushes thoroughly and quickly.

Can also be used as a water softener and for cleaning floors, woodwork, furniture, glass, etc.

Per dozen
Wooster—3 oz. packages; wt. per
dozen 5½ lbs. \$1.44
Two dozen in a counter display carton.

PAINT CLEANER

RED HEAD



A new and practical way to clean painted surfaces. Is easy to use and will not injure any surface that is not affected by water. Not harmful to the hands and enables cleaning without scrubbing or a muss.

Per dozen
In 1 lb. Packages—24 in a case .. \$4.00
Each
In 25 lb. Pails \$7.00

WINDOW GLASS

All shipments are made at buyer's risk unless otherwise instructed, and are therefore at risk of purchaser in transportation. We are not to be held accountable for any loss, breakage or damage of any kind arising in transit; our responsibility ceases after delivery to transportation company, unless insurance is especially effected.

Official Window Glass List, September 15, 1928

SINGLE STRENGTH "B"

Size, inches	Per light	Per box	Lights in a box	Size, inches	Per light	Per box	Lights in a box	Size, inches	Per light	Per box	Lights in a box
8x10	\$0.42	\$28.50	90	14x16	\$1.22	\$30.00	32	20x20	\$2.58	\$34.50	18
9x12	.56	28.50	67	14x18	1.34	30.00	29	20x24	3.09	34.50	15
9x13	.60	28.50	62	14x20	1.50	30.00	26	20x26	3.31	34.50	14
9x14	.66	28.50	57	14x22	1.80	31.00	23	20x28	3.56	34.50	13
9x15	.71	28.50	53	14x24	1.97	31.00	21	20x30	3.86	34.50	12
9x16	.75	28.50	50	14x26	2.07	31.00	20	20x32	4.32	35.00	11
10x12	.62	28.50	60	14x28	2.58	34.50	18	20x34	4.32	35.00	11
10x14	.73	28.50	51	14x30	2.73	34.50	17	20x36	5.00	36.00	10
10x16	.87	30.00	45	14x32	2.89	34.50	16	22x24	3.31	34.50	14
10x18	.97	30.00	40	14x34	3.09	34.50	15	22x26	3.56	34.50	13
10x20	1.08	30.00	36	14x36	3.31	34.50	14	22x28	3.86	34.50	12
10x22	1.18	30.00	33	16x18	1.55	30.00	25	22x30	4.32	35.00	11
10x24	1.30	30.00	30	16x20	1.80	31.00	23	22x32	4.75	35.00	10
10x26	1.48	31.00	28	16x22	2.07	31.00	20	24x24	3.86	34.50	12
10x28	1.59	31.00	26	16x24	2.18	31.00	19	24x26	3.86	34.50	12
12x12	.75	28.50	50	16x26	2.73	34.50	17	24x28	4.32	35.00	11
12x14	.91	30.00	43	16x28	2.90	34.50	16	24x30	4.75	35.00	10
12x15	.97	30.00	40	16x30	3.09	34.50	15	24x32	5.54	36.00	9
12x16	1.02	30.00	38	16x32	3.31	34.50	14	24x34	5.54	36.00	9
12x18	1.18	30.00	33	16x34	3.56	34.50	13	24x36	6.22	36.00	8
12x20	1.30	30.00	30	16x36	3.65	35.00	13	24x40	6.80	39.00	8
12x22	1.44	30.00	27	18x20	2.07	31.00	20	26x26	4.32	35.00	11
12x24	1.65	31.00	25	18x24	2.73	34.50	17	26x28	5.00	36.00	10
12x26	1.80	31.00	23	18x26	3.09	34.50	15	26x30	5.56	36.00	9
12x28	1.97	31.00	21	18x28	3.31	34.50	14	26x32	5.56	36.00	9
12x30	2.31	34.50	20	18x30	3.56	34.50	13	28x28	5.56	36.00	9
12x32	2.44	34.50	19	18x32	3.56	34.50	13	28x30	5.56	36.00	9
12x36	2.73	34.50	17	18x36	4.32	35.00	11	28x32	6.80	39.00	8
12x40	3.17	35.00	15	18x38	4.55	36.00	11				

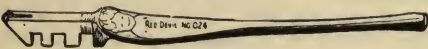
DOUBLE STRENGTH "B"

Size, inches	Per light	Per box	Lights in a box	Size, inches	Per light	Per box	Lights in a box	Size, inches	Per light	Per box	Lights in a box
12x40	\$4.67	\$52.00	15	22x30	\$6.37	\$52.00	11	26x28	\$7.13	\$52.50	10
12x48	5.49	52.50	13	22x32	7.00	52.00	10	26x30	7.92	52.50	9
14x36	4.87	51.00	14	22x36	7.92	52.50	9	26x32	7.92	52.50	9
14x40	5.39	52.00	13	24x24	5.68	51.00	12	26x34	9.54	56.00	8
14x48	6.94	56.00	11	24x26	5.68	51.00	12	26x36	9.54	56.00	8
20x24	4.55	51.00	15	24x28	6.37	52.00	11	28x28	7.92	52.50	9
20x28	5.25	51.00	13	24x30	7.00	52.00	10	28x30	7.92	52.50	9
20x30	5.68	51.00	12	24x32	7.92	52.50	9	28x32	9.54	56.00	8
20x32	6.37	52.00	11	24x34	7.92	52.50	9	28x34	9.54	56.00	8
22x24	4.87	51.00	14	24x36	8.91	52.50	8	28x36	10.90	56.00	7
22x26	5.25	51.00	13	24x40	9.54	56.00	8	30x36	10.90	56.00	7
22x28	5.68	51.00	12	26x26	6.37	52.00	11	32x40	13.86	60.50	6

Note—The following packing charges will be made on all orders for less quantity than original case or box and all lights and cut sizes irrespective of quantity. Glass sizes up to 40 united inches \$0.40; 40 to 100 united inches \$0.50, over 100 united inches \$0.75. No boxing charge on full cases.

GLASS CUTTERS

GENUINE RED DEVIL



Machine Made, Uniform, Alloy Steel Wheel
Monel metal oversize axle, polished steel head, red enameled iron handle.

Per dozen
No. 024—5 in. long; wt. per dozen about 1 1/4 lbs.\$3.00
One dozen in display carton.

Ball Knob

Same as No. 024 above but has a ball knob on handle for tapping; especially useful for hard or heavy glass.

Per dozen
No. 023—5 in. long; weight per dozen about 1 lb.\$3.20
One dozen in display carton.

GLASS CUTTERS

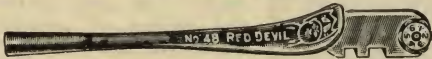


Red Handle

A glass cutter for general household use and for doing odd jobs. Cuts very well.

Per dozen
No. 04—5 in. long; wt. per dozen about 3/8 lb.\$1.60
One dozen in a box.

TURRET HEAD



Head Fitted With Six Long Life Wheels

Polished steel head, red enamel metal handle, with finger rest. A sharp wheel always available by simply turning screw.

Per dozen
No. 48—4 in. long; wt. per dozen 7/8 lb.\$5.50
One in a box, one dozen in a carton.

GLASS CUTTERS

RED DEVIL CIRCULAR



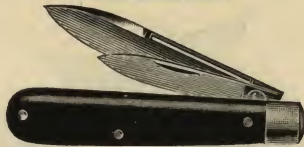
Equipped with Quick-Change Wheel

Red enameled metal base, with rubber mat. Cuts circles from 2 to 24 in. in diameter, steel rod graduated in inches by sixteenths. Complete with 2 extra wheels.

Each
No. 263—2 in. high, diam. of base 1 1/2 in., complete with 2 extra cutting wheels; wt. each 1/2 lb.\$2.00
One in a box, one dozen in a carton.

POCKET KNIVES

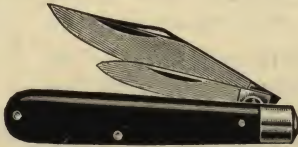
REMINGTON



Length Closed 3 Inches

Two blades; 1 large spear, 1 pen, both blue glazed; steel bolster and lining.

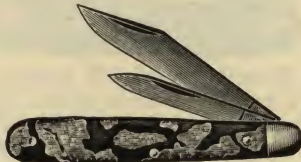
No. R1572—Black handle; wt. per dozen 2 lbs.\$5.60



Length Closed 3 Inches

Two blades; 1 large clip, 1 pen, both blue glazed; steel bolster and lining.

No. R1622—Black handle; wt. per dozen 2 lbs.\$5.60



Length Closed 3½ Inches

Two blades; 1 large clip, 1 pen, both full mirror finished; polished steel bolster; brass lining.

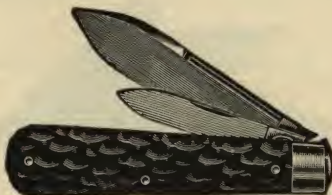
No. R2075—Pyrexite handle; wt. per dozen 1 lb.\$8.00



Length Closed 3¼ Inches

Two blades; 1 large spear, 1 pen, both full mirror finished; steel bolster; brass lining.

No. R2045—Pyrexite handle; wt. per dozen 1½ lbs.\$8.00



Length Closed 3½ Inches

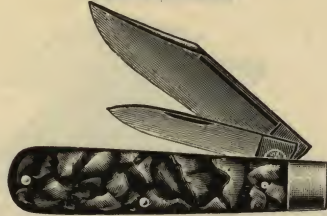
Two blades; 1 large spear, 1 pen, both mirror finished; steel bolster; brass lining.

No. R23—Stag handle; wt. per doz. 1¾ lbs.\$8.00

No. R25—Pyrexite handle; otherwise same as No. R23 shown above 8.00

POCKET KNIVES

REMINGTON

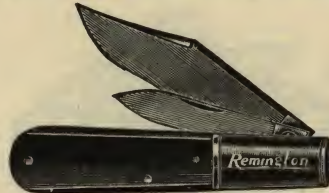


Length Closed 3¾ Inches

Two blades; 1 large clip, 1 pen, both full mirror finished; polished steel bolster; brass lining.

No. R35—Pyrexite handle; wt. per dozen 1¾ lbs.\$8.00

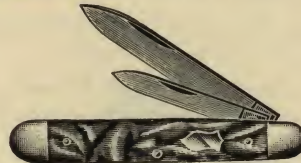
No. R33—Stag handle, otherwise same as No. R35 shown above. 8.00



Length Closed 3¾ Inches

Two blades; 1 large clip, 1 pen, both blue glazed; polished steel bolster and lining.

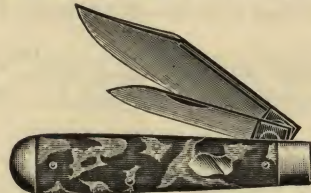
No. RB44—Brown bone handle; wt. per dozen 2 lbs.\$8.00



Length Closed 3½ Inches

Two blades; 1 large spear, 1 pen, both full mirror finished; nickel silver cap and bolster; brass lining.

No. R2095—Pyrexite handle; wt. per dozen 1 lb.\$12.00



Length Closed 3¼ Inches

Two Blades; 1 large clip, 1 pen, both full mirror finished; nickel silver cap and bolster; brass lining.

No. R2085—Pyrexite handle; wt. per dozen 1½ lbs.\$12.00



Length Closed 3 Inches

Two blades; 1 etched spear, 1 pen, both mirror finished; nickel silver bolsters and lining.

No. R6465—Pyrexite handle; wt. per dozen ¾ lb.\$13.60

All above, one-half dozen in a box.

POCKET KNIVES

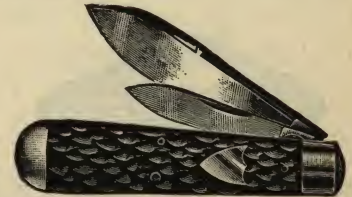
REMINGTON



Length Closed 3 Inches

Two blades; 1 large etched spear, 1 pen, both mirror finished; nickel silver bolsters and lining.

No. R6873—Stag handle; wt. per dozen ⅝ lb.\$13.60



Length Closed 3¾ Inches

Two blades; 1 large spear, 1 pen, both mirror finished; nickel silver cap and bolster; brass lining.

No. R1063—Stag handle; wt. per dozen 1⅞ lbs.\$13.60



Length Closed 3½ Inches

Two blades; 1 clip, 1 pen, both full mirror finished; one piece nickel silver lining and bolsters.

No. R7425—Pyrexite handle; wt. per dozen 1½ lb.\$16.00



Length Closed 3¼ Inches

Two blades; 1 large etched clip, 1 pen, both mirror finished; nickel silver bolsters and lining.

No. R4473—Stag handle; wt. per dozen 1½ lbs.\$16.00



Length Closed 3½ Inches

Two blades; 1 large etched clip, 1 spey, both mirror finished; nickel silver bolsters and lining.

No. R4105—Pyrexite handle; wt. per dozen 1 lb.\$16.00

POCKET KNIVES REMINGTON



Length Closed 3½ Inches

Two blades; 1 large etched clip, 1 pen, both mirror finished; nickel silver bolsters, cap and lining.

Per dozen

No. R1855—Pyremite handle; wt. per dozen 1½ lbs.\$16.00



Length Closed 3 Inches

Two blades; 1 etched spear, 1 pen, both mirror finished; one-piece nickel silver bolsters and lining.

Per dozen

No. R7854—Pearl handle; wt. per dozen ¾ lb.\$24.00

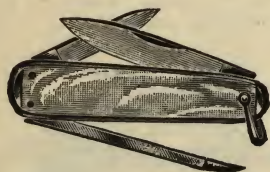


Length Closed 3 Inches

Two blades; 1 etched spear, 1 pen, both mirror finished; nickel silver tips and lining.

Per dozen

No. R6484—Pearl handle; wt. per dozen ¾ lb.\$32.00

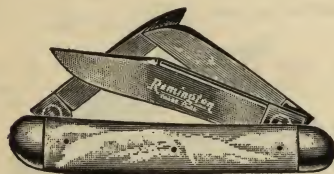


Length Closed 2½ Inches

Three blades; 1 spear, 1 pen, full crocus polished, 1 manicure file on back; nickel silver tips and shackle; full milled nickel silver lining.

Per dozen

No. R7394—Pearl handle; wt. per dozen ¾ lb.\$60.00



Length Closed 3¼ Inches

Three blades; 1 clip, 1 sheepfoot, 1 pen, all full mirror finished; one-piece nickel silver bolsters and lining; solid back.

Per dozen

No. R105A—Pyremite handle; wt. per dozen 1¼ lbs.\$20.00

POCKET KNIVES REMINGTON



Length Closed 3¼ Inches

Three blades; 1 large etched spear 1 sheepfoot, 1 pen, all mirror finished; nickel silver bolsters and lining.

Per dozen

No. R4223—Stag handle; wt. per dozen 1¼ lbs.\$20.00

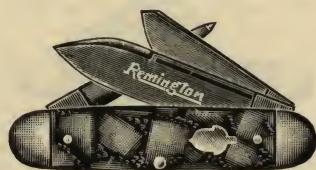


Length Closed 3¼ Inches

Three blades; 1 clip, 1 spey, both full mirror finished; 1 punch, blued inside, polished back; one-piece nickel silver bolsters and lining, solid back.

Per dozen

No. R105B—Pyremite handle; wt. per dozen 1¼ lbs.\$20.00

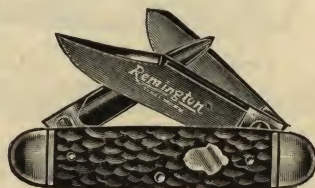


Length Closed 3¼ Inches

Three blades; 1 large etched spear, 1 spey, both mirror finished; 1 punch, blued and polished; nickel silver bolsters and lining.

Per dozen

No. R4605—Pyremite handle; wt. per dozen 1¼ lbs.\$20.00



Length Closed 3¼ Inches

Three blades; 1 large etched clip, 1 spey, both mirror finished; 1 punch, blued and polished; nickel silver bolsters and lining.

Per dozen

No. R4683—Stag handle; wt. per dozen 1¼ lbs.\$20.00

No. R4685—Pyremite handle; otherwise same as No. R4683 shown above 20.00

All above, one-half dozen in a box.

POCKET KNIVES REMINGTON



Length Closed 3½ Inches

Three blades; 1 large etched clip; 1 spey, both mirror finished, 1 punch, blued inside, polished back, nickel silver bolsters and lining.

Per dozen

No. R3413—Stag handle; wt. per dozen 3½ lbs.\$20.00

No. R3415—Pyremite handle; otherwise same as No. R3413 shown above 20.00



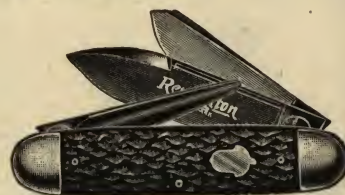
Length Closed 3½ Inches

Three blades; 1 large etched spear, 1 spey, both mirror finished; 1 punch, blued inside, polished back; nickel silver bolsters and lining.

Per dozen

No. R4423—Stag handle; wt. per dozen 1½ lbs.\$20.00

No. R4425—Pyremite handle; otherwise same as No. R4423 shown above 20.00



Length Closed 3½ Inches

Three blades; 1 large etched spear, 1 spey, both mirror finished; 1 punch, blued inside, polished back; nickel silver bolsters; brass lining.

Per dozen

No. R3153—Stag handle; wt. per dozen 2½ lbs.\$21.60



Length Closed 3½ Inches

Three blades; 1 large etched clip, 1 spey, both mirror finished; 1 punch, blued inside and polished back; nickel silver bolsters, brass lining.

Per dozen

No. R3183—Stag handle; wt. per dozen 2½ lbs.\$20.00

No. R3185—Pyremite handle; otherwise same as No. R3183 shown above 20.00

POCKET KNIVES

REMINGTON



Length Closed 3½ Inches

Three blades; 1 large etched clip, 1 spey, both mirror finished; 1 punch, blued inside and polished back; nickel silver bolsters and lining.

No. R3963—Stag handle; weight per dozen 1¾ lbs.....\$21.60



Length Closed 3½ Inches

Three blades; 1 large etched Turkish clip, 1 spey, both mirror finished; 1 punch, blued inside, polished back; nickel silver bolsters, shield, rivets, lining and milled center scale.

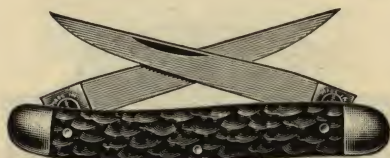
No. R4023—Stag handle; weight per dozen 1¾ lbs.....\$24.00



Length Closed 3½ Inches

One blade; 1 large blue glazed spey blade.

No. R1399—Pressed steel, nickel plated handle; weight per dozen 1½ lbs.\$6.40



Length Closed 3½ Inches

Two blades; long lance, both full mirror finished; nickel silver bolsters; brass lining.

No. R4593—Stag handle; weight per dozen 2 lbs.....\$16.00



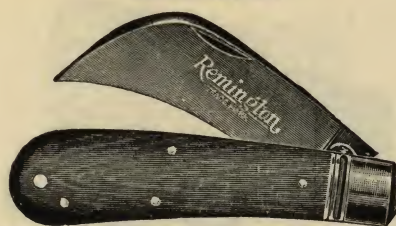
Length Closed 3½ Inches

Two blades; 1 large spear; 1 erasing, both mirror finished, nickel silver rivets; brass lining.

No. R6785—Pyremite handle; wt. per dozen 1 lb.....\$16.00
All above, one-half dozen in a box.

POCKET KNIVES

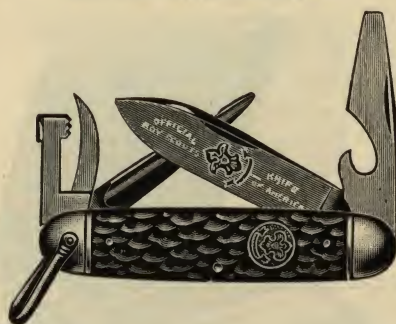
REMINGTON



Length Closed 4½ Inches

One blade; 1 large blue glazed and etched pruning blade; fancy rat tail polished steel bolster; polished steel lining and rivets; hole in butt end of handle for leather thong.

No. R698—Cocobolo handle; weight per dozen 2½ lbs.....\$18.00
One-half dozen in a box.



Official Knife, Boy Scouts of America; Regulation Size.

Length Closed 3¾ Inches

Four blades; 1 large spear, etched with Scout Insignia, 1 combination bottle-opener and screw-driver, 1 can-opener, all mirror finished; 1 punch blued inside and polished back; nickel silver bolsters, shackle and emblem shield; brass lining; milled center scale.

No. RS3333—Stag handle; weight per dozen 3½ lbs.....\$25.00
One-half dozen in a box.

POCKET KNIFE ASSORTMENTS

REMINGTON SPECIAL



Two Blade

Mirror finish blades, brass lining.

No. RJ8-Assortment — Consists of one dozen knives, four each 3½, 3¼ and 3 in. long with assorted spear and pen and clip and pen blades and assorted stag and pyremite handles; weight per assortment 1½ lbs.....\$8.00
One assortment in a box.

POCKET KNIVES

IMPERIAL



Length Closed 2¾ Inches

One blade; glazed finish; steel tips and lining.

No. 1750—Fibre handle; weight per dozen ½ lb.....\$1.60

No. 1750CH—With boy's chain, otherwise same as No. 1750 shown above; weight per dozen ¾ lb.. 1.80

One dozen in a box.

POCKET KNIFE ASSORTMENTS

IMPERIAL



Two Blade Jack

Medium size, high quality steel blades; nickel silver tips and shield, brass lining.

No. 200-Assortment—Consists of one dozen 3½ in. knives with assorted serpentine and straight pattern colored handles; weight per assortment 1¼ lbs.....\$4.00

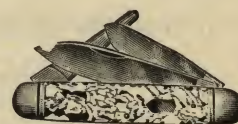
One assortment in a box.

Two Blade Jack

Standard size, high quality steel blades; nickel silver tips, brass lining.

No. 300-Assortment—Consists of one dozen assorted 3½ in. and 3¼ in. knives with assorted serpentine and straight pattern colored handles; weight per assortment 1½ lbs.....\$6.00

One assortment in a box.



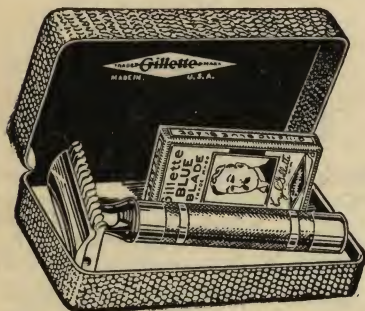
Three Blade Stock

Standard size, high quality full polished blades; nickel silver bolsters and shield, brass lining.

No. 400-Assortment—Consists of one dozen 3½ in. knives with assorted clip, spey and punch, and spear, spey and punch blades, colored handles; weight per assortment 1¼ lbs.....\$8.00

One assortment in a box.

SAFETY RAZORS GILLETTE RED AND BLACK



Handsome metal traveling case covered with durable red and black Texol fabric.

Per set

Red and Black—Gold plated razor complete with 5 Gillette blades; weight per set 5 ozs.....\$1.50
One set in a box.

GILLETTE REGENT

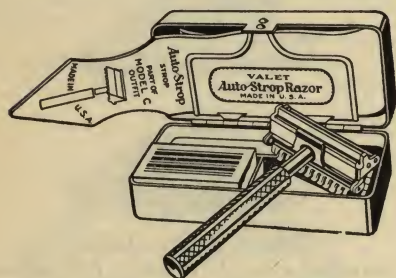


Blue terek-covered, flat metal case, lined with dark blue velveteen. New Gillette gold plated razor and blade box.

Per set

Regent—Gold plated razor complete with 1 Gillette blade; weight per set 6 ozs.....\$1.50
One set in a box.

VALET AUTO-STROP KUMPAKT



Compact set-up metal case, blue velvet lined. Gold plated razor and blade box, leather strop.

Per set

Kumpakt—Gold plated razor, complete with strop, gold plated blade box and 2 auto-strop blades; weight per set 7½ ozs...\$1.50
One set in a box.

SAFETY RAZORS GEM MICROMATIC



Leatherette covered metal case, lined with plush and satin. Gold plated blade sheath.

Per set

Micromatic—Gold plated razor complete with 5 Gem double edge blades; weight per set 9 ozs....\$1.50
One set in a box.

EVER-READY MAJOR



Triple nickel plated compact case, lined with colored velvet and satin. Gold plated blade sheath.

Per set

Major—Gold plated razor complete with 5 Ever-Ready single edge blades; weight per set 8 ozs....\$1.50
One set in a box.

ENDERS SPEED

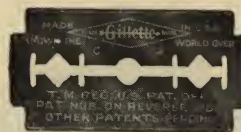


Terek covered and Lustre-sheen lined steel case, assorted blue, green and tan. Razor has precision die cast head, heavily chromium plated with brilliant, high polished non-tarnishing finish. Handle is of a light weight composition.

Per set

Enders Speed—Assorted blue, red and black finish handle, complete with five new Enders blades; weight per dozen sets 3½ lbs.\$1.50
One dozen assorted (4 of each color of handle) in a carton.

SAFETY RAZOR BLADES BLUE GILLETTE



New processed blue steel, resists rust, ground with minute and exact care.

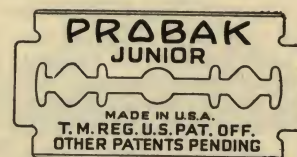
For new and old style Gillette razors.

Each blade wrapped in waxed paper and placed in individual envelope.

Per carton

No. GB5—5 blades in a package, 20 packages in a carton; weight per carton ½ lb.....\$7.36

PROBAK JUNIOR



A fine quality blade in the low priced field. Backed by the resources and reputation of the world's leading blade manufacturer.

Fits old and new style Gillette or Probak razors.

Per carton

No. PJ4—4 blades in a package, 10 packages on a card; 3 cards in a carton; weight per carton ⅝ lb.\$3.68

SPEEDWAY



Fine Swedish steel, hair tested edge, made by skilled makers.

For new and old style Gillette razors.

Per card

No. 2510—5 blades in a package, 20 packages on an easel back display card; wt. per card ¾ lb...\$2.00

SAFETY RAZOR BLADES VALET AUTO-STROP

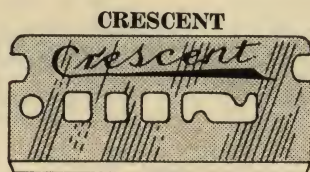


High grade razor steel, tempered and carefully manufactured, finished and tested by experts.

For new and old style Valet Auto-Strop razors.

Each blade wrapped in waxed paper and placed in individual envelope.

Per carton
No. A5—5 blades in a package, 20 packages in a carton; wt. per carton ½ lb.\$7.36



High quality Swedish steel, carefully tempered, hardened and heat treated. Every blade sharpened to a surgical keenness.

For new and old style Auto-Strop razors.

Per card
No. C3—3 blades in a package, 24 packages on a card; wt. per card 1½ lbs.\$2.20

GEM MICROMATIC DOUBLEDGE

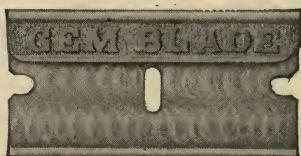


Finest surgical steel, uniformly tempered, double edge.

For Gem micromatic razors.

Per card
No. GMDE5—5 blades in a package, 10 packages on a card; wt. per card ¾ lb.\$7.00

GEM MICROMATIC SINGLE EDGE

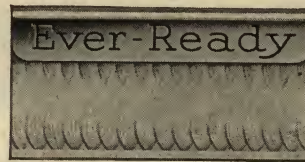


Finest surgical steel, uniformly tempered, single edge.

For all old and new style Gem razors.

Per card
No. GMSE5—5 blades in a package, 10 packages on a card; wt. per card 1 lb.\$5.20

SAFETY RAZOR BLADES EVER-READY



Finest razor steel, carefully tempered and ground. A solid and heavier blade which has always meant keener and longer lasting edges.

For Ever-ready and old style Gem razors.

Per card
No. ER5—5 blades in a package, 10 packages on a card; wt. per card 1 lb.\$5.20

STAR



Cru-steel, built to take a super-keen edge and hold it; sturdy, substantial and durable.

For Gem, Star, and Ever-ready razors.

Per card
No. ST4—4 blades in a package, 24 packages on a card; wt. per card 1½ lbs.\$3.00

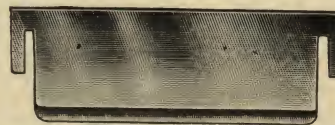


Highest grade steel, each blade individually inspected before being packed.

For Christy razors.

Per carton
No. C5—5 blades in a package, 20 packages in a carton; wt. per carton ½ lb.\$7.40

ENDERS



Finest quality Swedish base steel. Hand stropped and tested, assuring a keen and lasting edge.

This new type blade is notable for extreme and lasting sharpness made possible by late metallurgical and mechanical development.

Note—Illustration shows new type blade.

Per carton
No. 5ENS—For new style and old style Enders speed razors; 5 blades in a package, 20 packages in a carton; wt. per carton ⅞ lb.\$10.00

No. 5EOS—For old style Enders razors only; 5 blades in a package, 20 packages in a carton; wt. per carton ⅝ lb. 7.00

SAFETY RAZOR BLADES SHA-VE-ZEE

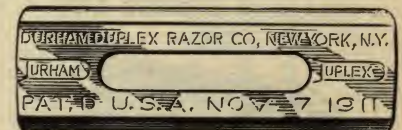


Fine razor steel, hair tested edge, superior quality, smooth shaving.

For Liberty, Ever-ready, Sha-ve-zee, Gem and other safety razors.

Per card
No. 6510—5 blades in a package, 20 packages on an easel back display card; wt. per card 1¼ lbs.\$2.00

DURHAM DUPLEX



Finest Swedish steel. Hardened, oil tempered, hollow ground, honed, stropped and hand inspected.

For Durham Duplex razors.

Per carton
No. D5—5 blades in a package, 20 packages in a carton; wt. per carton 1 lb.\$15.20

RAZOR HONES CARBORUNDUM



Made of extra fine hand washed silicon carbide powder. Fast cutting and gives a keen, lasting edge.

Per dozen
No. 102—4x1½x½ in.; wt. per doz. 3 lbs.\$12.00
One-half dozen in a carton.

NORTON



Made from excellent selection of abrasive products. Can be used dry or with oil or lather. Designed for barber and individual use.

Per dozen
No. VR16—5¼x2x½ in.; wt. per dozen 3 lbs.\$6.60
One-half dozen in a carton.

SAFETY RAZOR STROPS

VALET AUTO-STROP



Finest grade selected genuine shell horsehide leather.

A special preparation containing no emery or other

harmful substances is worked into the leather.

Per dozen

No. X—15 in. long, 1½ in. wide; weight each 1¼ ozs. \$ 7.20

No. XX—18 to 20 in. long, 1½ in. wide; weight each 1½ ozs. 14.40

One in a carton.

SHAVING SOAP

WILLIAMS BARBER BAR



For shaving or toilet use, produces a soft, creamy lather that softens the beard. Slow drying.

Per pound

No. 20—Barber's bar, round cakes, 10 cakes to the pound. \$0.70

One pound in a package, ten pounds in a box.

SHAVING STICKS

WILLIAMS HOLDER TOP

Wrapped in perforated wax paper and enclosed in polished aluminum holder top box.

Per dozen

No. 5—One stick in a container; wt. per dozen 1¼ lbs. \$6.00

One-half dozen in a box.

SHAVING CREAM

WILLIAMS LUXURY

A high grade shaving cream, which makes a cooling, cleansing and lasting lather.

Will not irritate the skin; a paste soap easily applied with hand or brush.

Per dozen

No. 30—Large size collapsible tube, non-loseable hinged cap; weight per dozen 2½ lbs. \$6.00

One in a carton, one dozen in a box.

SHAVING BRUSHES

EVER-READY



Lacquered handles and ferrules of assorted colors, large white bristle knot with casing.

Per dozen

No. 25—Length out of ferrule 2 in., length over all 4¾ in.; weight per dozen 1¼ lbs. \$4.00

One-half dozen assorted colors in a carton.



White celluloid handle, celluloid ferrules of assorted colors, large white bristle knot with casing.

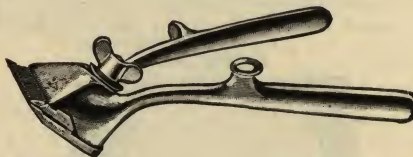
Per dozen

No. 50—Length out of ferrule 2 in., length over all 4¼ in.; weight per dozen 2¾ lbs. \$8.00

One-half dozen assorted colors in a carton.

TOILET CLIPPERS

DANDY

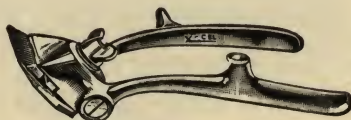


A torsion-type clipper with cap cast solid to handle. Spring is mounted on stud. Nicely finished and equipped with good cutting blades, the lower being grooved.

Nos.	0D	00D	000D
Cuts hair, in....	¾	¾	¾
Length, in.	5	5	5
Width blade, in. 1¾	1¾	1¾	1¾
Weight each, lbs. 1	1	1	1
Each	\$1.00	1.00	1.00

One in a box.

XCEL



A very good cutting clipper of the side coil pattern. Tension cap is cast solid with the handle.

Blades are of high quality and grooved the same as any of the higher priced models.

Nos.	00X	000X	0000X
Cuts hair, in....	¾	¾	¾
Length, in.	5½	5½	5½
Width blade, in. 1¾	1¾	1¾	1¾
Weight each, lbs. 1	1	1	1
Each	\$1.50	1.50	1.50

One in a box.

TOILET CLIPPERS

BEAUTY KLIP



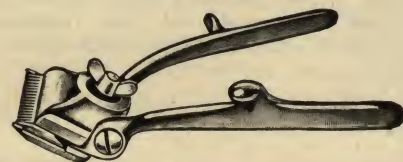
A clipper of the side coil spring type with adjustable screw bushing. Similar to the professional type clippers in both size and construction.

Made of best material obtainable for the purpose, with malleable iron handles.

Nos.	1BK	0BK
Cuts hair, in....	¾	¾
Length, in.	6	6
Width blade, in. 1¾	1¾	1¾
Weight each, lbs. 1	1	1
Each	\$1.80	1.80

Nos.	00BK	000BK
Cuts hair, in....	¾	¾
Length, in.	6	6
Width blade, in. 1¾	1¾	1¾
Weight each, lbs. 1	1	1
Each	\$1.80	1.80

BELLE CITY



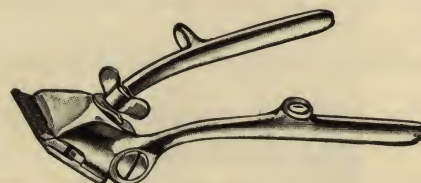
A high grade, popular clipper of the barber style and size. Parts are interchangeable with all standard makes of barber clippers.

Malleable iron handles, high carbon tool steel blades.

Nos.	1BC	0BC
Cuts hair, in....	¾	¾
Length, in.	6¾	6¾
Width blade, in. 1½	1½	1½
Weight each, lbs. 1	1	1
Each	\$2.70	2.70

Nos.	00BC	000BC
Cuts hair, in....	¾	¾
Length, in.	6¾	6¾
Width blade, in. 1½	1½	1½
Weight each, lbs. 1	1	1
Each	\$2.70	2.70

DIANA NECK AND BODY CLIPPER



A little clipper of the fine tooth type, unexcelled for removing superfluous hair, beard trimming and neck shaving.

Chromium plated handles, high carbon steel blades, beveled to a razor like edge. Operated by a side coil spring.

No. 0000DN—Cuts hair close to shave, length 5½ in., width of blade 1¾ in.; weight each 1 lb. \$2.00

All above, one in a box.

STEWART CLIPPING MACHINES

For Cows, Horses, Mules, Dogs

NEW

Improved STEWART Model 21 Electric Clipmaster

Easy, Quick to Use

New composition handle gives perfect balance, easy comfortable grip in any clipping position. Only 2 inches in diameter.

Improved Ball Bearing Tension Control

specially designed for Clipmaster makes very little pressure necessary. Keen cutting edge lasts longer. Supplied complete with 20 feet of special rubber covered cord, unbreakable rubber wall plug and one set of cutting blades.

New, Ball Bearing Motor, with 78% More Power

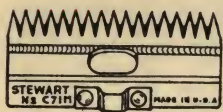
specially designed for Clipmaster, completely self-contained inside handle. Air cooled by its own fan. Ball bearings for fast, quick, heavy duty clipping.

Regularly supplied with 110-120 volt universal motor for use on AC or DC current. Catalog No. 21. Shipping weight 6 lbs. List.....\$16.95
With special universal motor for 220 volt AC or DC or special motor for 32 volt DC.....\$18.95
Clipping head only for use on Model 31 Shearmaster. Shipping weight 2½ lbs. Catalog No. 21A. List.....\$5.25

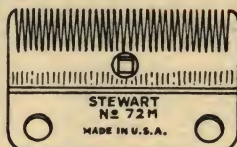


Model 21
Please specify voltage

Cutting Blades for Clipmaster



IMPORTANT NOTE
Cutting blades for Model J Clipmaster as made up to and including 1934 will not fit the Model 21 Clipmaster.



Top cutting blade for Model 21 Clipmaster only. Will not fit any other clipping machine or head. Weight 3 oz. Catalog No. C-71-M. List.....\$1.25

Bottom cutting blade for Model 21 Clipmaster only. Will not fit any other clipping machine or head. Shipping weight 4 oz. Catalog No. 72-M. List.....\$1.75

Cutting Blades for Model J Clipmaster

Top cutting blade for Model J Clipmaster only. Will not fit any other clipping machine or head. Weight 3 oz. Catalog No. E-1. List.....\$1.25

Bottom clipping blade for Model J Clipmaster only. Will not fit any other clipping machine or head. Shipping weight 4 oz. Catalog No. E-2. List.....\$1.75

STEWART Clipping Heads

LATEST MODEL D-1 AND D-2



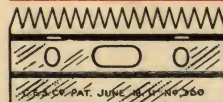
This new Stewart head fits any Stewart clipping machine except the Clipmaster and Shearmaster. Center balanced tension device insures faster clipping with lighter tension. Complete with one set of No. 90 and No. 99 clipping blades. Weight 12 oz. Each, list.....\$4.00



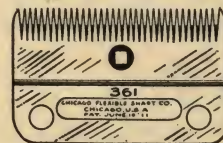
No. B-1 head fits Stewart 871-A shaft (square hole). Complete with one set of 360 and 361 clipping blades. Weight 16 oz. Each, list.....\$4.00

IMPORTANT NOTE

Examine the hole in the clipper shaft where the clipping head attaches. If the hole is round, order No. D-1 head. If the hole has square shoulders order No. D-2.



No. 360 top clipping blade used only on Stewart B-1 clipping head. Weight 3 oz. Each, list.....\$1.25

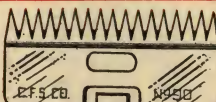


No. 361 bottom clipping blade fits only Stewart B-1 clipping head. Weight 4 oz. Each, list.....\$1.75

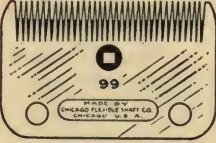
Stewart Clipping Blades

for D-1 D-2 C-1 B-1 Clipping Heads

Made of special razor steel expertly tempered and finished, Stewart clipping plates stay sharp longer and can be resharpened oftener. No. 360 top plate and No. 361 bottom plate fit only Stewart B-1 clipping head. No. 90 top plates and No. 99 bottom plates fit Stewart C-1, D-1 and D-2 clipping heads.



No. 90 top clipping blade fits Stewart D-1, D-2 and C-1 clipping heads. Weight 3 oz. Each, list.....\$1.25



No. 99 bottom clipping blade fits Stewart D-1, D-2 and C-1 clipping heads. Weight 4 oz. Each, list.....\$1.75

STEWART Hand-Power Ball-Bearing Clipping Machine

URNS EASY CLIPS FAST

A sturdy, well built, easy turning clipping machine. Used most extensively of all hand power clipping machines both here and abroad. Has six foot flexible shaft and chain. Gears are cut from solid steel, run in bath of oil and housed in dust-proof case.

LATEST STEWART D-1 HEAD

Equipped with latest, lighter improved tension Stewart D-1 clipping head for faster clipping with lighter tension. Packed, knocked down in wooden shipping case. Shipping weight, 30 lbs. No. 1. Each, list.....\$12.50



No. 1

Clipping and Shearing Attachments



A complete clipping attachment as shown must be used on the No. 9 shearing machine if the No. 9 is to be used for clipping cows, horses, mules and dogs. The clipping attachment is quickly removed or put on the machine and makes the No. 9 shearing machine doubly useful.

When a hand power clipping machine is to be used for shearing sheep and goats, a complete shearing attachment must be used. A shearing attachment consists of a complete universal jointed shaft, No. 7 narrow shearing hand-piece, four No. 276 cutters and two No. 277 combs. The attachment is put on and removed in a minute or two.



No. 50-1050 Clipping Attachment complete with angle head, 6 ft. flexible shaft and chain, D-1 clipping head fitted with one set of 90 and 99 clipping blades. Weight 8 lbs. Each, list.....\$8.25

No. 77 Shearing Attachment fits Stewart No. 1 and No. 10 hand-power clipping machines. Shipping weight 10 lbs. Each, list.....\$16.00

Made and
Guaranteed by

Chicago Flexible Shaft Company, Chicago, U. S. A.

45 Years Making
Quality Products

STEWART Sheep and Goat Shearing Machines

NEW, IMPROVED

STEWART MODEL 31 ELECTRIC Shearmaster

NEW

Faster, Easier—78% More Power

Professional-Type Tension Control

Similar to that tried and proved on the famous E-B handpiece. Improved, extra powerful, ball bearing motor gives plenty of power for fast, easy shearing. Air cooled by its own enclosed fan. Shock-proof—no ground wire needed.

Easy, Quick to Use

Handles the same as an ordinary shearing handpiece. Just two inches in diameter—easy, comfortable grip in any shearing position.

Ideal for the Farm Flock

Gets all the advantages of machine shearing. Takes the wool off a large sheep in just a few minutes. Where electricity is available this is the most convenient machine.

Regularly supplied for use on any 110-120 volt current complete with 20 feet of rubber covered cord, one comb and one cutter. Shipping weight 7½ lbs. Catalog No. 31. List.....\$21.50
For 32 volt direct current or for 220 volt AC or DC current. List.....\$23.50
Shearing head only for use with Model 21 Stewart Clipmaster. Shipping weight 2½ lbs. Catalog No. 31A. List.....\$9.75

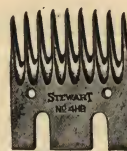


Use It For
Clipping Too

By just changing over the bottom comb to No. 4-HC bottom clipping plate.

Cutting Blades for Shearmaster

These three cutting blades can be used only on Shearmaster. No. 4-HA top cutter is used for both clipping and shearing, No. 4-HB bottom comb for shearing sheep and goats only and No. 4-HC bottom clipping plate is used for clipping cows, horses, mules and dogs.



No. 4-HB Comb
for shearing
only.
Weight, 2 oz.
Each, list.....75c



No. 4-HA
Top cutter
for clipping
and shearing.
Weight ½ oz.
Each, list
\$5c



No. 4-HC Bot-
tom blade for
clipping only.
Weight 3 oz.
Each, list.....\$1.50

STEWART No. 9

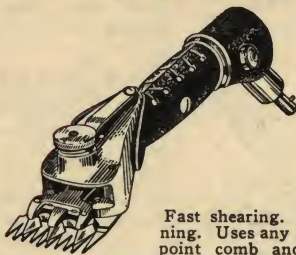
Hand Power Ball Bearing Shearing Machine



For shearing sheep and goats. This is the preferred hand power shearing machine. Easy to turn, shears fast and built to last for years and years. Gears cut from solid steel, enclosed and run in bath of oil. Jointed shaft, 42 inches long has free movement in any direction. Shearing handpiece is the light running ball bearing Stewart No. 7.

No. 9 complete with 2 ten tooth No 277 combs and 4 three tooth No. 276 cutters. Shipping weight 45 lbs.
Each, list\$22.95

STEWART No. 7 Ball Bearing Shearing Handpiece



Fast shearing. Cool running. Uses any Stewart 10 point comb and 3 point cutter. Scientifically fitted with ball bearings.
No. 7 Complete with comb and cutter. Shipping weight 3 lbs., 2 oz.
Each, list.....\$9.00

Narrow Comb & Cutter

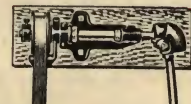


No. 276 three point
cutter for Stewart
No. 7 and Stewart
No. 5 handpieces.
Weight ½ oz.
Each, list.....30c



No. 277 ten point
comb for Stewart
No. 7 and Stewart
No. 5 handpieces.
Weight 2 oz.
Each, list.....80c

STEWART ONE-MAN Engine Driven Shearing Machine



For shearing sheep and goats. This machine saves the labor of one man and will shear as many as 150 head a day without crowding. It is quickly set up and attached to wall or overhead beam by means of two bracket bolts. Thrown in and out of gear by a simple push or pull at the top of the jointed shaft. Engine keeps on running when machine is out of gear.

No. OMS-25 Complete with fast-and-loose pulley clutch bracket, 69 inch jointed shearing shaft, No. 7 ball bearing handpiece, two No. 276 cutters. Shipping weight 47 lbs.
Each list\$27.50

No. OMS-25-2 Same as No. OMS-25 except with Stewart wide E-B shearing handpiece, two G-287 wide combs and four P-2311 wide cutters. Shipping weight 47 lbs.
Each, list\$35.00

No. 4 Hand Power Grinder



For sharpening clipping and shearing blades. Uses abrasive powder No. G8242. Shipping weight 32 lbs. With shearing plate holder only, \$12.00. With clipping plate holder only, 12.50. With both clipping and shearing plate holder.....\$12.75

No. 6 Power Driven Grinder

A light easy-to-use grinder. Includes two discs, pulley bracket, lag bolts, pendulum, cement and brush. For clipping blades, as above with 2 holders, 3 No. 100 emery circles. Weight 22 lbs.
No. 6A List.....\$23.00
For shearing blades with one holder, 2 No. 60 emery circles for combs, 2 No. 80 circles for cutters. No. 6B List.....\$23.50
For both with 3 holders, 7 emery circles, No. 6C List\$26.50



Made and
Guaranteed by

Chicago Flexible Shaft Company, Chicago, U. S. A.

45 Years Making
Quality Products

TOILET CLIPPERS

BELLE CITY HOME ELECTRIC



Full nickel plated, made especially fool-proof for home use and does not require adjustment. Simple in construction and operation. 4 inches long.

Its size is just right to fit the largest or smallest hand. Fully guaranteed for one year, and for home use it will last a lifetime with ordinary care. Does not require attention outside of an occasional oiling.

The specially designed tapering comb attachment furnished with clippers enables anyone to do a good job of hair cutting. "Step cutting" is almost impossible when using this attachment.

110 volt, A.C. complete with tapering comb and cord.

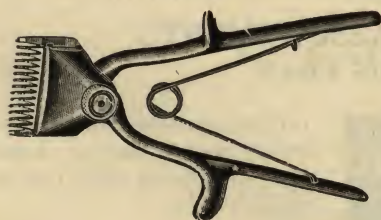
Nos.	0BCE	00BCE	000BCE
Cuts hair, in...	3/4	3/4	Very close
Wt. each, lbs...	2	2	2
Each	\$11.00	11.00	11.00

One in a box.

Note—The above clipper can also be furnished in 6, 32 and 220 volt on special order.

DOG OR FETLOCK CLIPPERS

MODOC



Hardened and tempered steel blades, visible three coil music wire spring, knurled tension nut. Fully nickel plated over all.

Each
Modoc—Length 6 in.; wt. each 5/8 lb.\$2.50

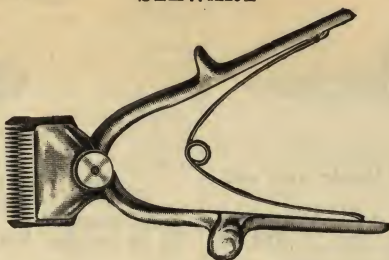
One in a box.

Per dozen

Extra Springs—For above clippers.\$2.80

FETLOCK CLIPPERS

STEWART



Malleable iron handles, special quality tool steel top and bottom plates, strong outside spring. Nickel plated and polished over all.

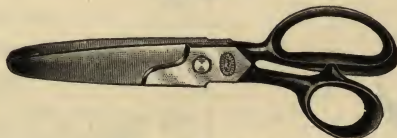
Each
No. A2—Length 6 3/4 in.; wt. each 1/2 lb.\$3.50
One in a box.

Per dozen

Extra Springs—For above clippers \$2.00

ROACHING SHEARS

CLYDE



Curved Blades

High carbon cutlery steel blades, polished on cutting edge, black japanned malleable iron handles.

Per dozen
No. 168FF—Length blades 4 3/4 in.; wt. per dozen 10 lbs.\$18.00
One-half dozen in a box.

HORSE AND MULE SHEARS

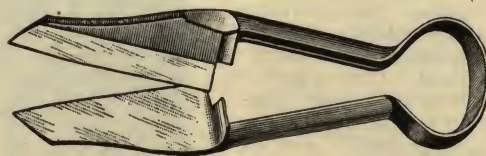
COLUMBIAN



Curved Blades

Drop forged steel blades, ground and polished inside and bevels, black enameled malleable iron handles.

Per dozen
No. 157—Length blades 5 in.; wt. per dozen 12 1/2 lbs.\$18.00
One-half dozen in a box.



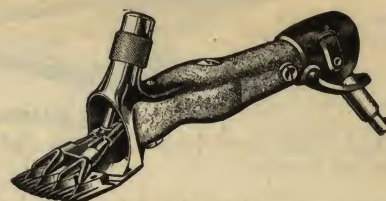
Curved Blades

Forged steel blades, ground and polished inside and outside bevels.

Per dozen
No. 5C—Length blades 4 1/4 in.; wt. per dozen 6 lbs.\$7.20
One-half dozen in a box.

SHEARING HANDPIECES

STEWART WIDE



Designed and built to stand up under the hardest driving. High grade tool steel working parts, hardened and tempered. New, larger, heavier hinge pins make back joint wear longer. Tension control insures perfect, even tension.

Free from vibration and low in cost of upkeep and replacement.

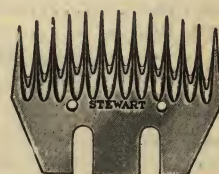
Used on OMS-25—2 shearing machine.

Each
No. EB—Without comb and cutter; wt. each 3 lbs.\$23.80

One in a box.

SHEARING COMBS

STEWART



Fits all wide shearing handpieces.
For No. EB shearing hand piece.

Each
No. G287—13 tooth; wt. each 2 1/2 ozs.\$1.45

Open stock.

SHEARING CUTTERS

STEWART



Fits all wide shearing handpieces. Made of special high quality steel.

For No. EB shearing hand piece.

Each
No. P2311—4 point; wt. each 1/2 oz..\$0.68

Open stock.

SHEEP SHEARS

COLUMBIAN



Straight Blades

High grade steel blades, ground and polished inside and out, including handle.

No. 055E—Length blades 6 in.; wt. per dozen $9\frac{1}{4}$ lbs.\$16.50
One-half dozen in a box. Per dozen

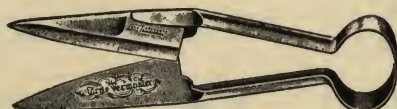


Fine grade steel blades, ground and polished inside and out, including handles. Double spring bows.

No. 011—Straight Blades

Length Blades, in.	$5\frac{1}{2}$	6
Wt. per dozen, lbs.	9	10
Per dozen	\$16.50	18.00

One-half dozen in a box.



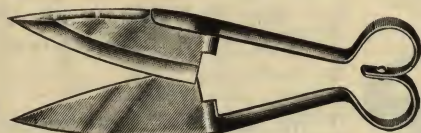
No. 057ES—Straight Blades

Length Blades, in.	$5\frac{1}{2}$	6	$6\frac{1}{2}$
Wt. per dozen, lbs.	$8\frac{1}{2}$	9	$9\frac{1}{2}$
Per dozen	\$17.60	19.20	21.00

No. 057EC—Curved Blades

Length Blades, in.	$5\frac{1}{2}$	6	$6\frac{1}{2}$
Wt. per dozen, lbs.	$8\frac{1}{2}$	9	$9\frac{1}{2}$
Per dozen	\$17.60	19.20	21.00

One-half dozen in a box.



Highest quality crucible steel blades, 13 gauge thick, skillfully ground and fully polished; full polished handle. Double spring bows.

No. 1914—Straight Blades

Length Blades, in.	6	$6\frac{1}{2}$	7
Wt. per dozen, lbs.	10	$10\frac{1}{2}$	11
Per dozen	\$29.60	32.00	35.00

One-half dozen in a box.

LADIES SCISSORS

REMINGTON



Oval Pattern, Full Nickel Plated

Nos.	D43 $\frac{1}{2}$	D44 $\frac{1}{2}$	D45 $\frac{1}{2}$
Length, in.	$3\frac{1}{2}$	$4\frac{1}{2}$	$5\frac{1}{2}$
Wt. per dozen, lbs.	$\frac{1}{2}$	1	$1\frac{1}{2}$
Per dozen	\$14.40	15.20	16.00

One-half dozen in a box.

Forged from one-piece high carbon tool steel. Hollow ground, hand sharpened. Two sharp pointed blades, highly polished on inside. Ring bows. Special hardened steel screw.

POCKET SCISSORS

REMINGTON



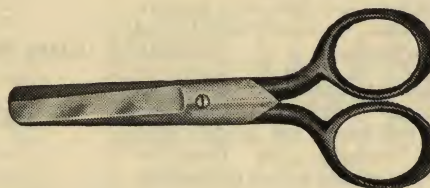
Forged from one piece high carbon tool steel. Hollow ground, hand sharpened. Two blunt double beveled blades, highly polished on inside. Fitted ring bows. Special hardened steel screw.

Full Nickel Plated

No. D124 $\frac{1}{2}$ — $4\frac{1}{2}$ in. long; wt. per dozen $1\frac{1}{4}$ lbs.\$17.60
One-half dozen in a box. Per dozen

KINDERGARTEN SCISSORS

ACME



Cast metal, ground finish blades, blunt points; large ring handles; steel rivet; for use in kindergarten and primary grades.

No. 91—4 in. long; assorted colored enameled handles, red, orange, and green; wt. per dozen $\frac{3}{4}$ lb.\$1.60
One dozen in a box. Per dozen

SCISSOR ASSORTMENTS

NIAGARA



Oval pattern, sharp pointed scissors with blades forged from high quality steel and nickel plated. Nickel plated handles.

No. 9855—Consists of one dozen scissors, assorted $4\frac{1}{2}$, 5 and 6 in., mounted on an attractive easel back display card; wt. per assortment $1\frac{1}{2}$ lbs.\$4.00
Per assortment

SHEAR ASSORTMENTS

BIG VALUE

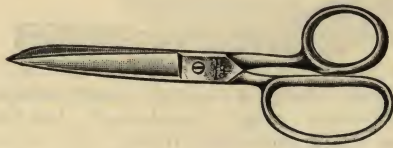


Highly polished and brightly nickel plated blades. Assembled with brass bolt, nut and washer.

No. 140—Consists of one dozen shears, assorted 4 each 6, 7, and 8 in., with red, orange, and green enameled handles, mounted on an attractive easel back display card; wt. per assortment $2\frac{3}{4}$ lbs.\$4.00
Per assortment

SHEARS

REMINGTON STRAIGHT TRIMMERS



Forged from one-piece high carbon tool steel. Hollow ground, hand sharpened. One round and one sharp pointed blade. Highly polished on inside. Hand fitted bows, special hardened steel screw.

Full Nickel Plated

Nos.	D16	D17	D17½	D18
Length, in.	6	7	7½	8
Wt. per doz., lbs.	2	3	3¾	4
Per dozen	\$20.00	23.20	25.00	26.20

One-half dozen in a box.

REMINGTON BENT TRIMMERS



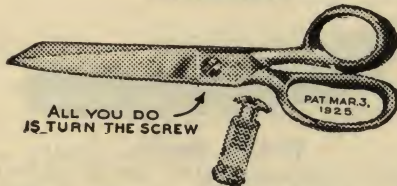
Forged from one-piece high carbon tool steel. Hollow ground, hand sharpened. One round and one sharp pointed blade. Highly polished on inside. Hand fitted bows, special hardened steel screw.

Full Nickel Polished

Nos.	D57	D58
Length, in.	7	8
Wt. per dozen, lbs.	3	4¾
Per dozen	\$24.00	27.20

One-half dozen in a box.

ATLAS STRAIGHT TRIMMERS



High grade steel with durable cutting edge. For dress making and general cutting.

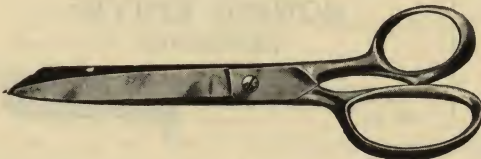
Lock set lock nut permits instantaneous adjustment and makes easy cutting.

Full Nickel Plated

Nos.	1200-7	1200-8
Length, in.	7	8
Wt. per dozen, lbs.	3	3½
Per dozen	\$14.40	14.40

One-half dozen in a box.

REGAL STRAIGHT TRIMMERS



A well balanced pattern with evenly hardened cutting edges. Nickel plated handles.

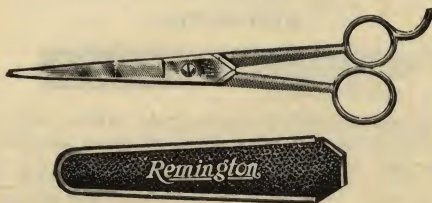
Full Nickel Plated

Length, in.	6	7	8
Wt. per dozen, lbs.	1½	2¾	3¼
Per dozen	\$6.50	7.50	8.50

One-half dozen in a box.

BARBER SHEARS

REMINGTON



Forged from one-piece high carbon tool steel, hollow ground and hand sharpened. Highly polished blades and bows, rough knurled shanks; special hardened steel screw. Each shear in leather scabbard.

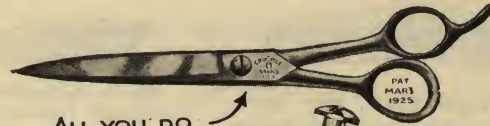
Per dozen

No. D1007—7 in. long; wt. per dozen 1½ lbs.\$28.00

One-half dozen in a box.

BARBER SHEARS

ATLAS



ALL YOU DO IS TURN THE SCREW

High grade steel with durable cutting edge.

Lock set lock nut permits instantaneous adjustment and makes cutting easy.

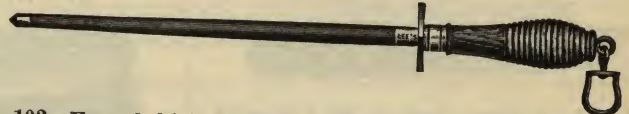
Full Nickel Plated

No. 1215—7½ in. long; wt. per dozen 2 lbs.\$12.00

One-half dozen in a box.

BUTCHERS' STEELS

LEE'S



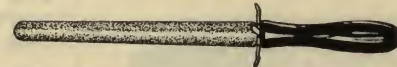
No. 102—Forged high grade crucible steel, hardened and tempered; diamond metal guard, swivel loop, beechwood handle.

Length Steel, in.	10	12	14
Wt. per dozen, lbs.	9¾	11	12½
Per dozen	\$18.00	21.20	26.00

One-half dozen in a box.

KNIFE SHARPENERS

QUICKCUT



An inexpensive but serviceable sharpener for kitchen and carving knives. Consists of a shaft of specially selected abrasive grains which cut and produce a clean cutting edge. Shaft is reinforced by steel rod which extends its full length.

No. KPT4—12¾ in. long over all; wt. per dozen 4 lbs.\$3.40

DAZEY SHARPIT



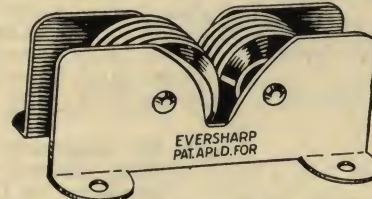
Cadmium plated frame cast in one piece, fully enclosed gears. Twin corundum wheels with inside beveled to assure even grinding surface. Pressure spring holds wheels together at proper pressure.

Equipped with handy wall bracket.

DAZEY
Sharpit

Per dozen
Dazey—5¼ in. high, 2 in. diam. wheels; wt. per doz. 19 lbs.\$24.00

EVERSHARP



Steel case, nickel finish. 6 tool steel cutters, hardened, tempered, ground and set in perfect alignment.

Can be mounted on cabinet, wall or table or held firmly on any flat surface.

Per dozen
No. 30—Length 2¾ in., width 1¾ in., height 1 in.; wt. per dozen 2¼ lbs.\$1.90

Sturdily constructed steel frame, highly nickel plated. Flaring pedestal.

Ten hardened steel discs evenly ground and set in accurate alignment. Attractive beveled handle beautifully finished.

Per dozen
No. 15—Length 6 in., width 1¾ in., height 1¾ in.; wt. per dozen 4¾ lbs.\$4.00

All above, one dozen in a carton.

BUTCHER KNIVES

REMINGTON



Carbon steel glazed blade, one piece beechwood handle; two brass telescope rivets.

Nos.	K6906	K6907	K6908
Length blade, in.	6	7	8
Wt. dozen, lbs. ..	2½	2¾	3
Per dozen	\$5.60	6.40	8.00

One-half dozen in a box.



Highly finished high grade tool steel blade; swaged; one piece genuine walnut handle; three brass telescope rivets.

Nos.	K4306	K4307	K4308
Length blade, in.	6	7	8
Wt. dozen, lbs. ..	2¾	3½	4
Per dozen	\$8.00	10.40	12.00

One-half dozen in a box.



Stainless steel swaged blade, full mirror finished; one piece cocobolo handle; two brass telescope rivets.

Nos.	K1226	K1227
Length blade, in.	6	7
Wt. dozen, lbs.	2	2¼
Per dozen	\$12.00	13.60

One-half dozen in a box.



Highly finished high grade carbon steel swaged blade; one piece genuine walnut handle; three brass telescope rivets.

Nos.	K4109	K41010	K41012
Length blade, in.	9	10	12
Wt. doz., lbs.	4¾	6	7
Per dozen	\$17.60	21.60	27.00

No. K4109, one-half dozen; balance, one-third dozen in a box.



Hand hammered finest carbon steel blade; one piece genuine walnut handle shaped to fit hand; three steel telescope rivets.

Nos.	K4806	K4807	K4808
Length blade, in.	6	7	8
Wt. doz., lbs.	3½	4¼	4¾
Per dozen	\$12.00	13.60	16.00

One-half dozen in a box.

BUTCHER KNIVES

KUT-WELL

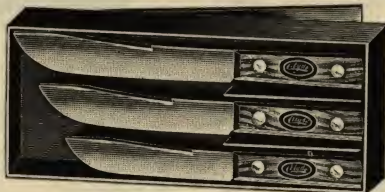


No. 1—High carbon cutlery steel blade, hardened, tempered, ground, finished and edged; beechwood handle with brass telescope rivets.

Length blade, in.	6	7	8
Wt. doz., lbs.	4	4¼	4½
Per dozen	\$5.00	5.50	6.00
Length blade, in.	9	10	12
Wt. doz., lbs.	6	6½	8
Per dozen	\$9.00	11.00	13.50

One-half dozen in a box.

KUT-WELL ASSORTMENT



High carbon cutlery steel blade, hardened, tempered, ground, finished and edged; heavy brass telescope rivets.

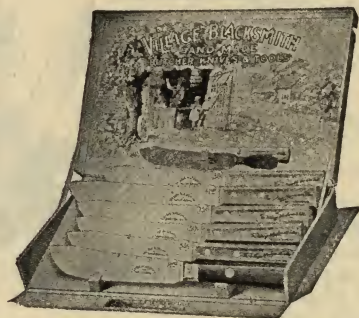
Contents

- 4-6 in. knives with cocobolo handles.
- 6-7 in. knives with walnut handles.
- 2-8 in. knives with beechwood handles.

Per assortment

No. 25-Assortment—Consists of 1 dozen knives as enumerated above, put up in a display case; wt. per assortment 3¾ lbs.\$4.00
One assortment in a box.

VILLAGE BLACKSMITH ASSORTMENT



Hand hammered, forged high quality steel blades; walnut handles; two rivets.

Contents

- 6—No. 214-6, knives with 6 in. blades.
- 5—No. 214-7, knives with 7 in. blades.
- 1—No. 214-8, knife with 8 in. blade.

Per assortment

No. 400 Assortment—Consists of 1 dozen knives as enumerated above, put up in a display box; wt. per assortment 4¼ lbs.\$8.00
One assortment in a box.

VILLAGE BLACKSMITH



Hand hammered forged high quality steel blade, walnut handle; two rivets.

Nos.	214-6	214-7	214-8
Length blade, in.	6	7	8
Wt. doz., lbs.	3¼	3¾	4½
Per dozen	\$7.20	9.00	11.00

One-half dozen in a box.

SKINNING KNIVES

REMINGTON



Highly finished carbon steel swaged blade, full tang; beechwood handle; three brass telescope rivets.

No. K6156—Length blade 6 in.; wt. per dozen 4 lbs.	\$8.00
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One-half dozen in a box.

KUT-WELL



High carbon cutlery steel blade, hardened, tempered, ground finished and edged; beechwood handle with brass telescope rivets.

No. 1—Length blade 6 in.; wt. per dozen 4½ lbs.	\$6.50
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One-half dozen in a box.

REMINGTON



Packers Special

Highly finished extra heavy carbon steel blade, one piece genuine walnut handle; three steel telescope rivets.

Nos.	K4155	K4156
Length blade, in.	5	6
Wt. dozen, lbs.	3½	4
Per dozen	\$10.40	11.20

One-half dozen in a box.

BONING KNIVES

REMINGTON



Highly finished high grade tool steel blade, one piece genuine walnut handle, guard design; three steel telescope rivets.

No. K4136—Length blade 6 in.; wt. per dozen 2¾ lbs.	\$10.40
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One-half dozen in a box.

STICKING KNIVES

REMINGTON



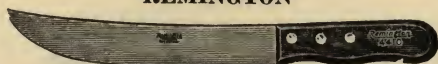
Highly finished high grade carbon steel swaged blade; one-piece genuine walnut handle; three brass telescope rivets.

No. K4116—Length blade 6 in.; wt. per dozen 3 lbs.	\$8.00
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One-half dozen in a box.

STEAK KNIVES

REMINGTON



Highly finished high grade tool steel blade, one-piece genuine walnut handle, shaped to fit the hand; three steel telescope rivets.

Nos.....	K4410	K4412	K4414
Length blade, in.....	10	12	14
Weight per dozen, lbs.....	5¾	6¾	7¾
Per dozen	\$21.60	27.00	32.00

One-third dozen in a box.

SLICERS

REMINGTON



Full mirror finish Kleanblade stainless steel blade; one-piece cocobolo handle; two Dural telescope rivets.

Per dozen

No. K1316½—Length blade 6½ in.; wt. per dozen 2 lbs....\$9.60

One-half dozen in a box.



Mirror polished stainless steel swaged blade, one-piece cocobolo handle; three Dural telescope rivets.

Nos.....	K1607	K1608
Length blade, in.....	7	8
Weight per dozen, lbs.....	2	2½
Per dozen	\$14.40	16.00

One-half dozen in a box.



Mirror polished stainless steel swaged blade, one-piece hand-shaped cocobolo handle; three Dural telescope rivets.

Per dozen

No. K1508½—Length blade 8½ in.; wt. per dozen 2½ lbs. \$16.00

One-half dozen in a box.

COOK'S KNIVES

UNIVERSAL



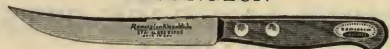
No. 5391—Forged crucible steel blade, polished; walnut handle; brass pins.

Length Blade, in.....	8	10	12
Weight per dozen, lbs.....	2¼	5½	6
Per dozen	\$13.50	16.00	20.00

8 in., one-half dozen; balance, one-quarter dozen in a box.

UTILITY SLICERS

REMINGTON



Mirror polished stainless steel swaged blade, one-piece cocobolo handle, hand-shaped; three Dural telescope rivets.

Per dozen

No. K1705—Length blade 5 in.; wt. per dozen 2¼ lbs.....\$9.60

One-half dozen in a box.

BREAD KNIVES

REMINGTON



Full mirror finished Kleanblade stainless steel blade, swaged, serrated edge, one-piece cocobolo handle, two telescope rivets.

Per dozen

No. K1388—Length blade 8 in.; wt. per dozen 2½ lbs.....\$13.60

One-half dozen in a box.

BREAD KNIVES

BURNS' SERRATED



Polished carbon steel blade; cocobolo handle; brass rivets.

Per dozen

No. 8—Length blade 7½ in., length over all 12 in.; weight per dozen 2¼ lbs.....\$8.80

One in a carton; one dozen in a box.

BREAD AND CAKE KNIVES

BURNS



Mirror polished carbon steel blade, serrated edge, cocobolo handle, brass rivets.

Per dozen

No. 1—Length blade 9 in., length over all 13¾ in.; weight per dozen 3¾ lbs.....\$14.50

One in a carton, one-half dozen in a display box.

COOK'S FORKS

UNIVERSAL



Polished steel curved tines, cocobolo handle.

Per dozen

No. 203—Length over all 12½ in.; weight per dozen 3½ lbs.\$7.00

One dozen in a box.

POT FORKS

REMINGTON



Full mirror finish Kleanblade stainless steel tines and shank; one-piece cocobolo handle, two Dural telescope rivets.

Per dozen

No. K1355½—Length tines 5½ in.; wt. per dozen 2½ lbs.\$12.00

One-half dozen in a box.

SPATULAS

REMINGTON



Full mirror finish flexible Kleanblade stainless steel blade; one-piece cocobolo handle; two Dural telescope rivets.

Per dozen

No. K1347—Length blade 7 in.; wt. per dozen 2½ lbs.....\$12.00

One-half dozen in a box.

GRAPE FRUIT KNIVES

REMINGTON



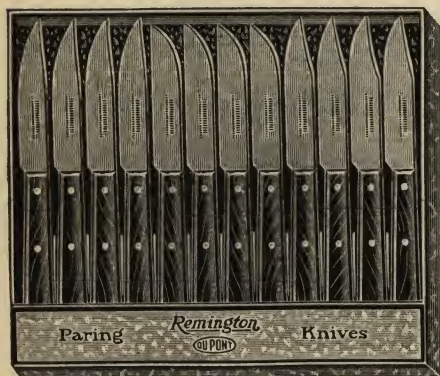
Fine blue glazed Kleanblade stainless steel double bevel curved blade, one-piece cocobolo handle, two Dural telescope rivets.

Per dozen

No. K1213½—Length blade 3½ in.; wt. per dozen 1½ lbs...\$5.60

One dozen in a display box.

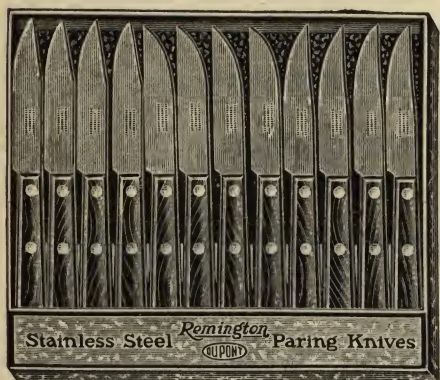
PARING KNIFE ASSORTMENTS REMINGTON



Fine blued glazed high grade carbon steel blades, one piece cocobolo handles; two brass rivets.

Per assortment

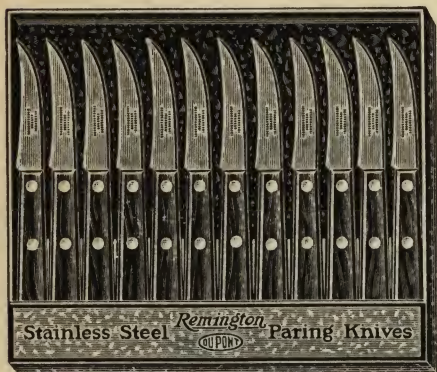
No. KA229—Assortment; consists of 1 dozen assorted knives, 3 in. blades, 4 each sheepfoot, clip and scimeter clip points; wt. per assortment $\frac{3}{4}$ lb.\$2.40



Full mirror finish stainless steel blades; one piece cocobolo handles; two Dural telescope rivets.

Per assortment

No. KA2229—Assortment; consists of 1 dozen assorted knives, 3 in. blades, 4 each sheepfoot, clip and scimeter clip points; wt. per assortment $\frac{3}{4}$ lb.\$4.00



Mirror polished stainless steel blades; one piece cocobolo handles, two Dural telescope rivets.

Per assortment

No. K012 1/2—Assortment; consists of 1 dozen knives with hook points; wt. per assortment $\frac{5}{8}$ lb.\$4.00



Mirror polished stainless steel blades; shaped mottled maroon bakelite handles.

Per assortment

No. KA829—Assortment; consists of 1 dozen knives, 3 in. blades, 4 each sheepfoot, clip and scimeter clip points; wt. per assortment $\frac{3}{4}$ lb.\$6.40

All above, one dozen in an easel back display box.

PARING KNIVES STA-BRITE



Mirror finished stainless steel blade, clip point; metal ferrule; green enameled wood handle.

Per dozen

No. 5—Length blade 3 in.; wt. per dozen $\frac{1}{2}$ lb.\$0.80
One dozen in a box.

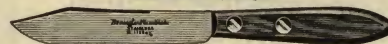


Mirror finished stainless steel blade, clip point; half tang; walnut handle, two brass compression rivets.

Per dozen

No. 10—Length blade 3 in.; wt. per dozen $\frac{1}{2}$ lb.\$1.60
One dozen in a box.

VEGETABLE KNIVES REMINGTON



Full mirror finish Kleanblade stainless steel blade; one piece cocobolo handle, two telescope rivets.

Per dozen

No. K11604 1/2—Length blade 4 1/2 in.; wt. per dozen 1 1/4 lbs. \$8.00
One dozen in a box.

SLOYD KNIVES MURPHY



High grade steel blade well tempered and ground; polished rubberoid handle riveted to shank blade; nickel plated steel ferrule.

Per dozen

No. 1—Length blade 2 5/8 in.; wt. per dozen 1 lb.\$7.00
One dozen in a box.

STEAK KNIVES UNIVERSAL



Resistain stainless steel blade; two-piece ebony wood handle; metal bolster and cap.

Per dozen

No. 3220—Length blade 5 3/8 in.; wt. per dozen 2 lbs.\$6.00
One dozen in a display box.



Solid one-piece stainless steel; lustro finished handle.

Per dozen

No. 2320—Length blade 5 3/8 in.; wt. per dozen 2 lbs.\$5.50
One dozen in a display box.

KNIFE AND FORK SETS STA-BRITE



Mirror finish stainless steel blade, Marblon handle, metal bolster, 5 1/4 in. blade.

Per set

No. 820YCI—Ivory color handles\$1.60

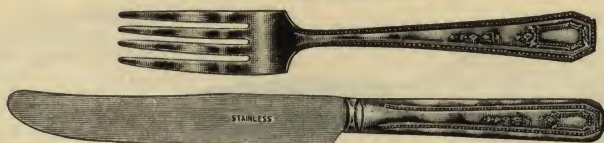
No. 820YCG—Green color handles1.60

No. 820YCO—Onyx color handles1.60

Weight per set 1 pound.

One set (6 knives and 6 forks) in a box.

SILVER PLATED TABLE WARE
WELLESLEY PATTERN



A popular pattern with a clean cut outline and moderate amount of decorations. Made on a base of 18% nickel silver over which is deposited a plating of pure silver.

26 Piece Sets

- No. W26—Set**, consists of 26 pieces, six each tea spoons, dessert spoons, dinner knives, dinner forks, one butter knife, one sugar spoon; wt. per set 2½ lbs.**\$4.00**

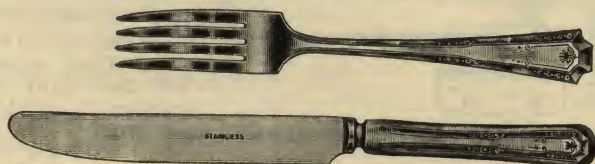
Knife and Fork Sets

- No. W12—Set**, consists of 12 pieces, six dinner knives and six dinner forks; wt. per set 2¼ lbs.**\$2.40**
One set in a box.

Open Stock

- | | |
|--|------------------|
| No. WT—Tea Spoons , three dozen in a box; wt. per dozen ¾ lb. | Per dozen |
| | \$1.40 |
| No. WDS—Dessert Spoons , two dozen in a box; wt. per dozen 1 lb. | |
| | 1.80 |
| No. WTS—Table Spoons , two dozen in a box; wt. per dozen 1¼ lbs. | |
| | 2.00 |
| No. WSF—Salad Forks , two dozen in a box; wt. per dozen ¾ lb. | |
| | 1.70 |
| No. WSS—Sugar Spoons , one dozen in a box; wt. per dozen ¾ lb. | |
| | 1.60 |
| No. WBK—Butter Knives , one dozen in a box; wt. per dozen ⅞ lb. | |
| | 1.80 |

CHROMIUM PLATED TABLE WARE
LANCASTER PATTERN



Heavy chromium plated design guaranteed to be rust-proof, stain-proof, and tarnish-proof. Does not have to be polished and can be cleaned by merely using a damp cloth.

26 Piece Sets

- No. L26—Set**, consists of 26 pieces, six each tea spoons, dessert spoons, dinner knives, dinner forks, one butter knife, one sugar spoon; wt. per set 2½ lbs.**\$6.00**

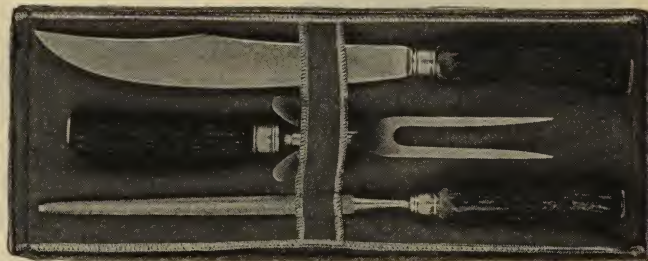
Knife and Fork Sets

- No. L12—Set** consists of 12 pieces, six dinner knives, and six dinner forks; wt. per set 2¼ lbs.**\$3.20**
One set in a box.

Open Stock

- | | |
|--|------------------|
| No. LT—Tea Spoons , three dozen in a box; wt. per dozen ¾ lb. | Per dozen |
| | \$2.00 |
| No. LDS—Dessert Spoons , two dozen in a box; wt. per dozen 1 lb. | |
| | 2.40 |
| No. LTS—Table Spoons , two dozen in a box; wt. per dozen 1¼ lbs. | |
| | 2.70 |
| No. LSF—Salad Forks , two dozen in a box; wt. per dozen ¾ lb. | |
| | 2.40 |
| No. LSS—Sugar Spoons , one dozen in a box; wt. per dozen ¾ lb. | |
| | 2.40 |
| No. LBK—Butter Knives , one dozen in a box; wt. per dozen 1 lb. | |
| | 2.40 |

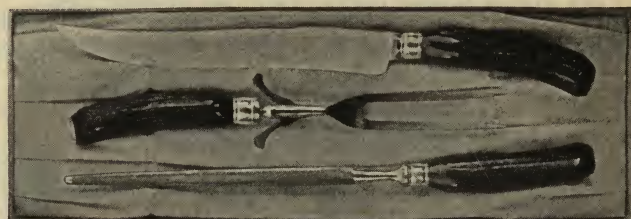
CARVING SETS
REMINGTON, ROAST



Three Piece Set—Knife, Fork and Steel

Forged stainless steel blade and bolsters, full mirror polished knife blade, stainless fork with guard, genuine stag handles, sterling silver ferrules.

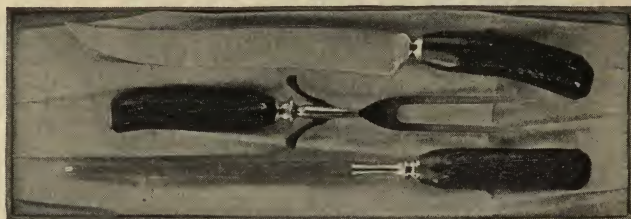
- No. TA68118—Three piece set** consisting of one 8 in. knife, one fork and one steel; wt. per set 1⅞ lbs.**\$10.70**
One set in a deluxe box.



Three Piece Set—Knife, Fork and Steel

Forged stainless steel blade and bolsters, fine blue glazed knife blade, stainless fork with guard, genuine stag handles, nickel plated ferrule.

- No. TA64018—Three piece set**, consisting of one 8 in. knife, one fork and one steel; wt. per set 1½ lbs.**\$8.00**
One set in a box.



Three Piece Set—Knife, Fork and Steel

Forged stainless steel blade and bolsters, fine blue glazed knife blade, stainless fork with guard, genuine stag handles, nickel plated ferrules.

- No. TA63008—Three piece set** consisting of one 8 in. knife, one fork and one steel; wt. per set 1¾ lbs.**\$6.70**
One set in a box.



Two Piece Set—Knife and Fork

Stainless steel blade and bolsters, full mirror polished knife blade, stainless fork, natural stag handles.

- No. TA5838—Set** consists of one 8 in. knife and one fork; wt. per pair 1½ lbs.**\$4.00**
One pair in a box.

SHEATH KNIVES

REMINGTON



Mirror finished blade, hand honed edge; American bone stag handle; oak tanned leather sheath with snap fastener loop.

No. RH4—Length blade $4\frac{1}{4}$ in., length over all $7\frac{1}{2}$ in.; wt. per dozen 3 lbs.\$12.00
One in a box, one-half dozen in a carton.



One-piece blade and tang, mirror finished and etched, hand honed edge; Pyremite handle with colored fibre and nickel silver discs, securely locked with countersunk

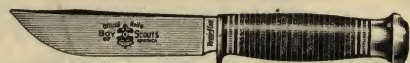
brass nut; nickel silver thumb guard; hard, cast aluminum butt; oak tanned leather sheath with snap fastener loop.

No. RH72P—Length blade $4\frac{1}{2}$ in., length over all 8 in.; wt. per dozen $4\frac{1}{8}$ lbs.\$24.00
One in a box, one-half dozen in a carton.



Leather handle with colored fibre and nickel silver discs, otherwise same as above.

No. RH71—Length blade $4\frac{1}{2}$ in., length over all 8 in.; wt. per dozen $4\frac{1}{8}$ lbs.\$24.00
One in a box, one-half dozen in a carton.



Official Knife, Boy Scouts of America

Blade etched and sheath imprinted with official Boy Scout Insignia. Leather handle with fibre and nickel silver discs, otherwise same as above.

No. RH51—Length blade 4 in., length over all 8 in.; wt. per dozen $4\frac{1}{8}$ lbs.\$21.60
One in a box, one-half dozen in a carton.

PUTTY KNIVES

RED DEVIL



Flexible, tool steel blade, metal ferrule, narrow red enamel wood handle.

A good putty knife for household and general use.

No. 460—Blade $5\frac{1}{4} \times 1\frac{1}{4}$ in.; wt. per dozen 2 lbs.\$1.50
Two dozen in a display carton.



Good quality steel blade, ground, tempered, polished and cross polished; bright red painted handle; three brass rivets, metal bolster.

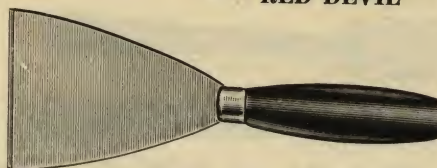
No. 448—Stiff blade $5\frac{1}{4} \times 1\frac{1}{4}$ in.; wt. per dozen $1\frac{3}{4}$ lbs. ...\$3.80
No. 449—Flexible blade, otherwise same as above 4.60
One dozen in a box.

High quality steel blade, ground, tempered, polished and cross polished; rosewood handle; three brass rivets, metal bolster.

No. 455—Stiff blade $5\frac{1}{4} \times 1\frac{1}{4}$ in.; wt. per dozen 2 lbs.\$4.80
No. 456—Flexible blade, otherwise same as above 5.20
One dozen in a box.

WALL SCRAPERS

RED DEVIL



Flexible, tool steel blade, metal ferrule, red enameled wood handle.

A good grade scraper for household and general use.

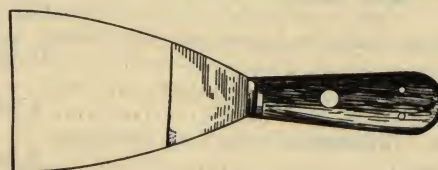
No. 461—Blade $5\frac{1}{4} \times 3$ in.; wt. per dozen $2\frac{1}{4}$ lbs.\$1.60
Two dozen in a display carton.

RED DEVIL



Flexible, polished tool steel blade, clip chisel point red enameled hardwood handle. Handle reinforces blade and eliminates use of rivets.

No. 288—Blade $5\frac{1}{4} \times 3$ in.; wt. per dozen $3\frac{1}{2}$ lbs.\$4.00
One dozen in a display box.

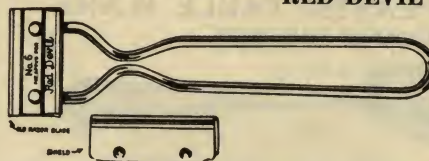


Stiff, high quality steel blade, clip point, ground tempered, polished and cross polished, rosewood handle, three brass rivets, metal bolster.

No. 289S—Blade $5\frac{1}{4} \times 3$ in.; wt. per dozen 3 lbs.\$10.00
No. 289F—Same as above but with flexible steel blade; wt. per dozen 3 lbs. 10.70
One-half dozen in a box.

GLASS SCRAPERS

RED DEVIL



Stamped steel, wire handle; nickel plated.

Quickly removes paint from windows, but has many other mechanical and household uses. Uses any single or double edged blade.

No. 6—6 in. long; $1\frac{3}{4}$ in. wide; complete with one blade and shield which snaps over the blade for protection when not in use; wt. per dozen $1\frac{1}{2}$ lbs.\$1.70
One dozen in a box.

OIL CLOTH KNIVES



Forged crucible steel blade, burntwood handle.

Nos.	503	504
Length blade, in.	$2\frac{1}{2}$	$4\frac{1}{2}$
Wt. dozen, lbs.	2	3
Per dozen	\$7.00	8.00

One dozen in a box.

FARRIERS' KNIVES

HELLER

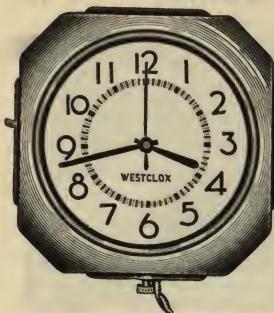


Adjustable iron handle.

No. 52— $\frac{5}{8}$ in. blade; wt. per dozen 4 lbs. \$14.40
Extra Blades—For above 11.50
One dozen in a box.

ELECTRIC WALL CLOCKS

WESTCLOX



Composition case, lustrous surface. Simplified manual starting, low speed motor. Conveniently located setting and starting lever. $6\frac{3}{4} \times 6\frac{3}{4}$ in., 5 in. metal dial, convex glass, approved gray cord.

Ivory Finish

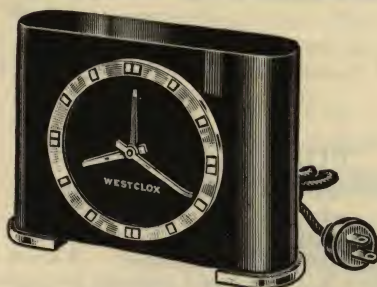
No. 800—Plain dial; wt. each 2½ lbs. \$4.92

Green Finish

No. 803—Plain dial; wt. each 2½ lbs. \$4.92

ELECTRIC CLOCKS

BEN FRANKLIN WESTCLOX



A handsome clock, entirely new in design, $5\frac{1}{4}$ in. high. Composition case, modern inlaid white index numerals on raised bezel.

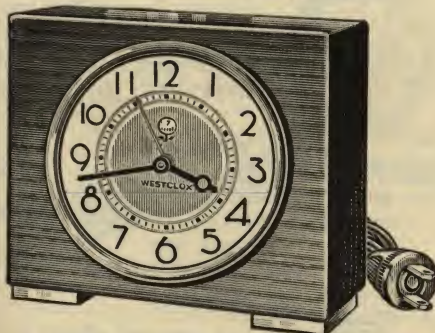
Reliable synchronous, self-starting motor, low speed and quiet running.

Black Finish, Gold Colored Trim

No. 850—Plain dial; wt. each $3\frac{1}{4}$ lbs. \$7.74

ELECTRIC ALARM CLOCKS

GREENWICH WESTCLOX



Self starting, low speed, synchronous motor; insulated against noise. Approved cord.

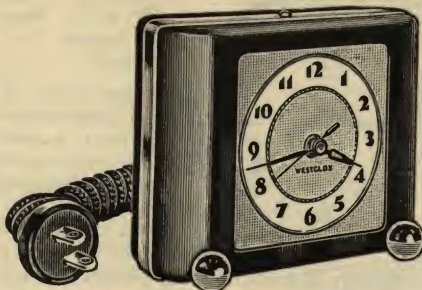
Wood case $5\frac{1}{4}$ in. high; die cast feet, felt cushioned. Etched metal dial, convex glass, window type alarm indicator. Melodious alarm bell, simple push-in shut-off.

Walnut Finish, Gold Trim

No. 846—Plain dial; wt. each 4 lbs. \$9.04
All above, one in a box.

ELECTRIC ALARM CLOCKS

BEN BOLT WESTCLOX



Manual starting motor, forward motion only. Inside bell, convenient lever shut-off, alarm indicator on back of clock.

Thin model, 4 in. high, expressing dignified simplicity. Non-breakable convex crystal, approved cord.

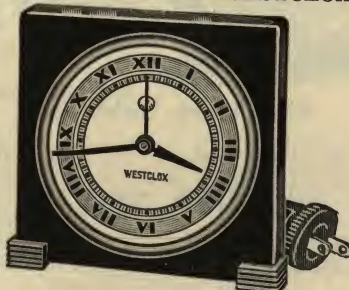
Black Finish, Nickel Trim

No. 828—Plain dial \$4.12
No. 835—Luminous dial 5.54

Ivory Finish, Gold Trim

No. 829—Plain dial \$4.84
Weight each $1\frac{3}{4}$ pounds.

COUNTRY CLUB WESTCLOX



Low speed motor, simplified manual starting, approved cord.

Steady alarm; lacquered metal case $4\frac{1}{4}$ in. high, supported by back foot rest. Attractive dial, new window type alarm indicator.

Black Finish, Nickel Trim

No. 814—Plain dial; wt. each $1\frac{1}{4}$ lbs. \$3.52

ALARM CLOCKS

BIG BEN CHIME WESTCLOX



2-Voiced Alarm and Silent Tick

Has a two-voiced alarm, first a gentle chime call and then a loud steady call. Quiet movements permit you to sleep peacefully, for the tick is as quiet as a watch.

Beautifully styled, $5\frac{1}{4}$ in. high, felt cushioned underneath. Graceful pierced hands, legible dial, convenient quick-acting alarm shut-off.

Black Finish, Nickel Trim

No. 221—Plain dial \$4.92
No. 231—Luminous dial 6.32

Green Finish, Nickel Trim

No. 224—Plain dial \$4.92
No. 234—Luminous dial 6.32

Weight each 2 pounds.
All above, one in a box.

ALARM CLOCKS

BIG BEN LOUD ALARM, WESTCLOX



For the "Extra Heavy" Sleeper

Back gong, intermittent alarm, convenient shut-off.

$5\frac{1}{4}$ in. high, dust-proof case, 32-hour movement. Convenient

hanger on back swings out of sight when not in use.

Black Finish, Nickel Trim

No. 201—Plain dial \$4.12
No. 211—Luminous dial 5.54

Weight each $2\frac{1}{4}$ pounds.

BABY BEN WESTCLOX



Steady alarm with loud or soft control attachment, convenient alarm shut-off.

$3\frac{1}{4}$ in. high, felt cushioned underneath, graceful pierced hands and legible dial.

Black Finish, Nickel Trim

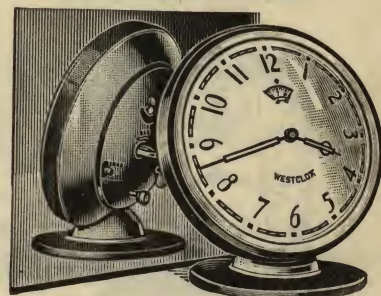
No. 321—Plain dial Each \$4.12
No. 331—Luminous dial 5.54

Ivory Finish, Gold Trim

No. 324—Plain dial Each \$4.12
No. 334—Luminous dial 5.54

Weight each 1 pound.

LA SALLE WESTCLOX



Loud or soft alarm adjustment, quiet tick; window type alarm indicator.

$4\frac{1}{4}$ in. high, felt cushioned round base; convex, silver plated dial, pierced hands; dust proof movement.

Gun Metal Finish, Nickel Trim

No. 420—Plain dial Each \$5.54
No. 430—Luminous dial 6.94

Weight each $1\frac{1}{4}$ pounds.

All above, one in a box.

ALARM CLOCKS

SIESTA WESTCLOX



New kind of an alarm—gives a brief warning, then rings again 10 minutes later. Convenient push-in alarm shut-off.

Black Finish, Nickel Trim

Each
No. 414—Plain dial; wt. each 1½ lbs.\$4.12

TIDE WESTCLOX



Steady alarm, attractive dial, dependable one day movement.

4¾ in. high, supported by a back foot rest. Lacquered metal case. Suitable for any room in the house.

Black Finish, Nickel Trim

Each
No. 25—Plain dial; wt. each 1½ lbs.\$2.74

FORTUNE WESTCLOX



Clear toned alarm on inner bell, convenient top shut-off.

Square case 4½ in. high, convex glass, modern hands, bold numerals.

One day movement, inner minute circle.

Black Finish, Nickel Trim

Each
No. 10—Plain dial\$2.10
No. 15—Luminous dial 2.74
Weight each 1½ lbs.
All above, one in a box.

ALARM CLOCKS

BINGO WESTCLOX



Brown Metallic Finish, Nickel Trim

Each
No. 93—Plain dial; wt. ea. 1½ lbs. \$1.76

KENO



Black Finish, Nickel Trim

Each
No. 68—Plain dial\$1.60
No. 78—Luminous dial 2.20
Green Finish, Nickel Trim
Each
No. 67—Plain dial\$1.60
No. 77—Luminous dial 2.20
Weight each 1 pound.

DESK CLOCKS

PICKWICK WESTCLOX



An innovation in small clocks without alarm. 3 inches high, beautifully designed. Modern luminous dial, legible day or night. Equipped with second hand and hinged back.

Luminous Dial

Each
No. 660—Black finish, nickel trim \$4.12
No. 662—Ivory finish, nickel trim.. 4.12
Weight each ½ pound.

HANDBAG WATCHES

WESTCLOX



A watch with a dual purpose—the easel transforms it into a clock for the boudoir.

Sets a distinctive style and has a feminine appeal that women will find irresistible.

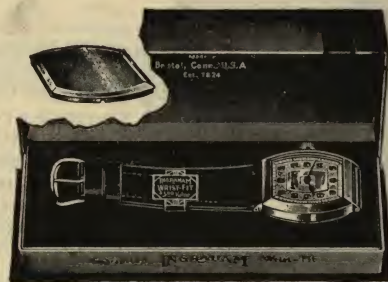
Has modernistic hands and inlaid numerals.

Plain Dial

Each
No. 645—Black finish, gold trim...\$4.12
No. 646—White finish, gold trim.. 4.12
No. 648—Red finish, gold trim 4.12
Weight each ½ pound.
All above, one in a box.

WRIST WATCHES

INGRAHAM



Dust-proof back, non-breakable and dust-proof crystal that will not come out. Sturdy, reliable tonneau shaped movement.

A watch suitable for ladies or men as a knock-about wrist watch.

Chromium Plated Case

Each
No. 5—Leather strap; wt. each 3½ ozs.\$3.90
No. 6—Chromium plated metal bracelet; wt. each 3½ ozs. 3.90
One dozen in a carton.

POCKET WATCHES

POCKET BEN WESTCLOX



An exceptionally fine timekeeper. Non-magnetic rustless hair-spring. New type bow and crown. Convenient pull-out set, pierced hands, clear non-breakable crystal.

Highly Polished Case

Each
No. 621—Etched silver plated, two toned dial; wt. each 2¼ ozs. ..\$2.10
One in a box.

DAX WESTCLOX



A serviceable watch suited to every day use. Clean-cut hands; artistic numerals; two-toned metal dial; pull-out set.

Highly Polished Case

Each
No. 600—Two-toned metal dial; wt. each 2½ ozs.\$1.76
One in a box.

BULL'S EYE



A watch which fills the need for a dependable low-priced timekeeper. Is sturdily built and has stem wind and stem set.

Nickel Plated Case

Each
No. 602—Metal dial; wt. each 3½ ozs.\$1.60
One in a box.

REPEATING SHOTGUNS REMINGTON, MODEL No. 31A



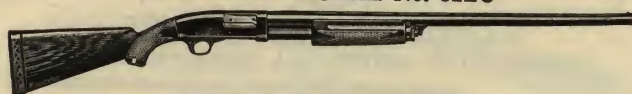
Standard Grade—3 or 5 Shot

Take-down, hammerless, side ejector, cross bolt safety. Matted receiver. Full choke barrel, 30 inches long, chambered for 2¾ inch shells.

Stock—American walnut; checkered half-pistol grip and fore-end; bakelite butt plate; length 14 in.; drop at heel 2½ in., drop at comb 1½ in.

Factory list each
No. 31A—12, 16 or 20 gauge; wt. each 7½ lbs.\$46.95
No. 31MR.—With raised solid matted rib; 12, 16 or 20 gauge; wt. each 7½ lbs. 54.95
No. 31VR.—With raised ventilated rib, 12 gauge; wt. each 7½ lbs. 67.35

REMINGTON MODEL No. 31TC



Target Grade—3 or 5 Shot

Same general construction as model 31A except that it is equipped with ventilated ribs, Hawkins recoil pad, Razee type forearm, and front and rear sights.

Factory list each
No. 31TC—12 gauge; wt. each 8 lbs.\$108.80

REMINGTON MODEL No. 31S

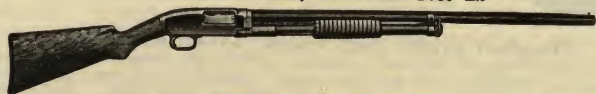


Trap Special Grade—3 or 5 Shot

Same general construction as Model 31TC except that it is equipped with **Raised Solid Rib**.

Factory list each
No. 31S—12 gauge; wt. each 8 lbs.\$63.95

WINCHESTER, MODEL No. 12



Standard Grade—6 Shot

Take-down, hammerless, slide action. Full choke, nickel steel barrel, 30 inches long, chambered for 2¾ inch shells.

Stock—Standard walnut; pistol grip and slide handle, full rounded comb, rubber butt plate; 12 gauge, 13¾ in. long, 1½ in. drop at comb, 2½ in. drop at heel; 16 and 20 gauges, 13¾ in. long, 1½ in. drop at comb, 2½ in. drop at heel.

Factory list each
No. 12—12, 16 or 20 gauge; wt. each 7½ lbs.\$46.95
No. 12MR.—With matted rib; 12, 16 or 20 gauge; wt. each 7½ lbs. 54.95

WINCHESTER MODEL No. 42



Standard Grade—5 only 3 in. Shells, 6 only 2½ in. Shells

Take-down, hammerless, slide action. Full choke barrel, 28 inches long, chambered for 2½ and 3 inch shells.

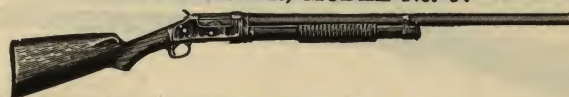
Stock—Selected walnut; pistol grip; rubber butt plate; length 13¾ in., drop at heel 2¼ in., drop at comb 1½ in., pitch 1 in.

Factory list each
No. 42—410 gauge; wt. each 5½ lbs.\$34.75
No. 42MR.—With raised solid matted rib, 410 gauge; wt. each 5½ lbs. 42.75

All above, one in a box.

Note—Other length barrels, modified choke and cylinder bore can be furnished direct from factory.

REPEATING SHOTGUNS WINCHESTER, MODEL No. 97



Standard Grade—6 Shot

Take-down, hammer, slide action. Full choke, nickel steel barrel, 30 inches long, chambered for 2¾ inch shells.

Stock—Standard walnut; pistol grip; rubber butt plate; length 13¾ in., drop at comb 1¾ in., drop at heel 2¾ in.

Factory list each
No. 97—12 gauge; wt. each 7¾ lbs.\$37.95

STEVEN'S MODEL No. 58



4 Shot

Take-down, hammerless, bolt-action. Full choke, round, tapered barrel, 24 inches long, chambered for 2¾ inch shells.

Stock—One-piece, walnut finish; black tip; full pistol grip; hard rubber butt plate.

Action—4 shot, one in chamber, three in detachable clip magazine, self-cocking, independent safety.

Factory list each
No. 58—410 gauge; wt. each 5½ lbs.\$11.85

AUTOLOADING SHOTGUNS REMINGTON IMPROVED MODEL No. 11A



Standard Grade—5 Shot

Take-down, hammerless, cross bolt safety. Full choke barrel, 30 inches long, chambered for 2¾ inch shells.

Stock—Walnut stock and fore-end, finely checkered; half pistol grip; rubber butt plate; length 14 in., drop at heel 2½ in., drop at comb 1½ in.

Factory list each
No. 11A—12, 16 or 20 gauge; wt. each 7¾ lbs.\$53.40
No. 11MR.—With raised solid matted rib; 12, 16 or 20 gauge; wt. each 7¾ lbs. 61.40
No. 11VR.—With ventilated rib; 12, 16 or 20 gauge; wt. each 7¾ lbs. 67.70

Extra Fore-ends—For 12, 16 or 20 gauge (plain) 3.75

Extra Barrels—For 12, 16 or 20 gauge 19.80

Note—3-shot Sportsman Auto-Loading Shotguns in 12, 16 and 20 gauge can be furnished at above prices.

DOUBLE BARREL SHOTGUNS REMINGTON MODEL No. 32A



Standard Grade—"Over and Under"

Take-down, hammerless, automatic ejector. Upper-barrel full choke, lower modified choke—front trigger fires lower barrel—length of barrels 30 inches.

Stock—Walnut stock and fore-end, hand checkered; pistol grip; top of receiver matted, sides decorated; bakelite butt plate; length 14 in., drop at heel 2½ in., drop at comb 1½ in.

Factory list each
No. 32A—12 gauge; wt. each 7½ lbs.\$78.40

STEVENS, HAMMERLESS MODEL No. 530



With Jostam Anti-Flinch Recoil Pad and Two Lyman Ivory Bead Sights for Quick and Accurate Pointing.

Take-down, hammerless, proof tested. Right barrel modified choke, left barrel full choke—length of barrels 30 inches.

Stock—Selected walnut, finely checkered; pistol grip; length 14 in., drop about 3 in.

Factory list each
No. 530—With double trigger; 12, 16, 20 or 410 gauge; wt. each 7½ lbs.\$25.95
No. 531—With single trigger; 12, 16, 20 or 410 gauge; wt. each 7½ lbs. 29.75

All above, one in a box.

DOUBLE BARREL SHOTGUNS

SPRINGFIELD MODEL No. 311, HAMMERLESS



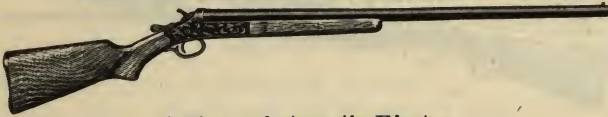
Coil springs, proof tested, box frame. Right barrel modified choke, left barrel full choke—length of barrels 30 inches.
Stock—Walnut finish; full pistol grip; length about 14 in., drop about 3 in.

Factory list each

No. 311—12, 16, 20 or .410 gauge; wt. each 8 lbs.....\$21.25

SINGLE BARREL SHOTGUNS

STEVENS-SPRINGFIELD, MODEL No. 9



3-Piece—Automatic Ejector

High pressure steel barrel, proof tested and choke bored. Barrel and lug forged in one-piece. .410 gauge chambered for 3 in. shells. Coil springs.

Stock—Walnut finish stock and fore-end. Rubber butt plate.

Factory list each

No. 94—12, 16, 20 or .410 gauge; wt. each 6½ lbs.\$7.75

STEVENS, MODEL No. 54 BOLT ACTION



Take-down, bolt action, chromium plated bolt and trigger, safety firing pin. Full choke, round, tapered barrel, 24 inches long, chambered for 3 inch shells.

Stock—One-piece, walnut finish, black tip; pistol grip.

Factory list each

No. 54—.410 gauge; wt. each 5¼ lbs.\$6.85

REPEATING RIFLES

REMINGTON, MODEL No. 341A "SPORTMASTER"



Standard Grade, Bolt Action, Automatic Ejector

Take-down model. Round tapered barrel, 24 inches long, crowned at muzzle. Polished non-friction bolt. American walnut pistol grip stock. Semi-beavertail fore-end. Composition butt plate. Self-cocking on opening movement of bolt. Positive thumb safety. Step adjustable rear sight, white metal bead front sight. Length over all 42 inches, length taken down 30¾ inches.

Magazine holds twenty-two .22 short, seventeen .22 long or fifteen .22 long rifle cartridges.

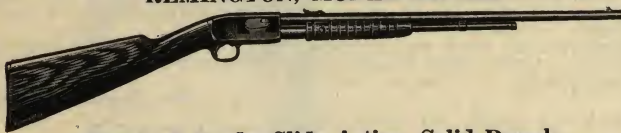
Factory list each

No. 341A—Wt. each 6¼ lbs.\$13.95

No. 341P—With rear peep sight adjustable for windage and elevation with two interchangeable discs, and a hooded front sight with four interchangeable reticules; otherwise same as No. 341A 14.80

Note—Nos. 341A and 341P can be furnished equipped with sling straps with hooks and eyes at additional cost.

REMINGTON, MODEL No. 12A



Standard Grade, Slide Action, Solid Breech

Take-down, hammerless. Round barrel, .22 inches long; straight grip walnut stock, rubber butt plate. Rear sight with screw adjustment for elevation, white metal bead front sight.

Magazine holds fifteen .22 short, twelve .22 long or ten .22 long rifle rim fire cartridges.

Factory list each

No. 12A—25½ in. long take-down; wt. each 4½ lbs.\$21.40

Target Grade No. 12C

Same as No. 12A but with longer octagon barrel, half pistol grip and magazine that holds sixteen .22 short, twelve .22 long or eleven .22 long rifle cartridges.

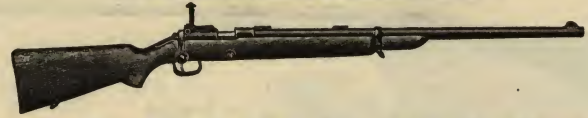
Factory list each

No. 12C—27½ in. long take-down; wt. each 5½ lbs.\$22.80

All above, one in a carton.

REPEATING RIFLES

WINCHESTER, MODEL No. 52



Standard Grade, Solid Frame, Bolt Action, Box Magazine

"Speed-lock" for quick let-off when trigger is pulled. Swinging military type safety lock. Round nickel steel barrel, tapered and crowned, 28 inches long. Pistol grip selected walnut stock. Checkered steel butt plate.

Magazine holds five .22 long rifle rim fire cartridges only.

Factory list each

No. 52—With military blade front sight and folding leaf rear sight with aperture slide\$46.50

No. 52A—With Lyman No. 17A front sight and folding leaf rear sight with aperture slide..... 49.00

No. 52B—With Lyman No. 17A front sight and Lyman No. 48J receiver rear sight..... 60.50

Weight each about 8¾ lbs.

Sling Strap—Especially adapted to Model 52 Winchester, Repeating Rifle; 1¼ in. wide..... 1.38

AUTO-LOADING RIFLES

REMINGTON, MODEL 241A "SPEEDMASTER"



Standard Grade, Solid Breech

Take-down, hammerless. Round, tapered barrel, 24 inches long. American walnut stock, half pistol grip, steel butt plate. Step adjustable sporting rear sight, white metal bead front sight. Length taken down 24 inches.

Factory list each

No. 241SA—For .22 short rim fire cartridges, capacity 15 cartridges; wt. each 6 lbs.....\$29.95

No. 241LA—For .22 long rifle or Palma rim fire cartridges, capacity 10 cartridges; wt. each 6 lbs..... 29.95

SINGLE SHOT RIFLES

REMINGTON MODEL No. 41A "TARGETMASTER"



Standard Grade, Bolt Action, Automatic Ejector

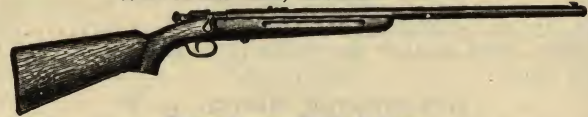
Take-down model. Round tapered barrel, 27 inches long, crowned at muzzle. Polished non-friction bolt. American walnut pistol grip stock. Semi-beavertail fore-end. Composition butt plate. Rebounding lock, positive thumb safety. Step adjustable rear sight, white metal bead front sight. Length over all 44 in., length taken down 32¼ in.

Factory list each

No. 41A—For .22 short, .22 long or .22 long rifle regular or Hi-Speed cartridges; wt. each 5½ lbs.\$5.50

No. 41P—With hooded front sight and rear peep sight; otherwise same as No. 41A 6.35

WINCHESTER, MODEL No. 67



Take-Down, Bolt Action

Round, tapered barrel, crowned muzzle, 27 in. long. Pear shaped bolt handle, military type safety lock. American walnut stock, pistol grip. Semi-beavertail fore-end with finger grooves. Winchester No. 75C front sight and Winchester No. 32B rear sight with elevator.

Factory list each

No. 67—For .22 short, .22 long and .22 long rifle rim fire cartridges; wt. each 5 lbs.....\$5.50

WINCHESTER, MODEL No. 68

Same general construction as No. 67 but with Winchester No. 97A bead front sight with ramp sight base equipped with detachable sight cover, and Winchester No. 96A peep sight with elevation and windage adjustment.

Factory list each

No. 68—For .22 short, .22 long and .22 long rifle rim fire cartridges; wt. each 5 lbs.\$6.35

All above, one in a box.

RIFLE SIGHTS

LYMAN EXPERT 4-POWER TELESCOPE

Gives four-power magnification with genuine Bausch and Lomb lenses. Has a micrometer click mount adjustable for windage and elevation. May be used in connection with open or peep sights without removing one or the other.

Factory List Each

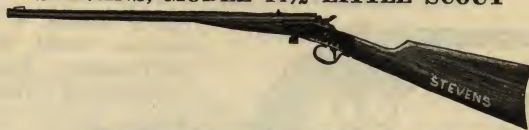
No. 422—Complete with mounts; wt. each 14 ozs.\$10.50

Note—Rifles ordered with the No. 422 will be drilled and tapped for it.

NOTE—Goods marked ® not carried in stock, but shipped direct from factory.

SINGLE SHOT RIFLES

STEVENS, MODEL 14½ LITTLE SCOUT



Positive Extractor, Take Down

Barrel—20 in. round tapered, crowned muzzle.

Action—Thumb operated breech block.

Frame—Case hardened.

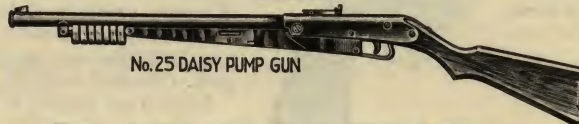
Stock—Oval shaped, walnut finish. Steel butt plate.

Sights—German silver knife blade front. Flat top open rear.
Length 34 inches.

Factory list each
No. 14½—.22 caliber, chambered for .22 short, long and
long rifle rim fire cartridges; wt. each 2¾ lbs.\$4.25
One in a box.

AIR RIFLES

DAISY



No. 25 DAISY PUMP GUN

Pump Action, Take Down, 50 Shot Repeater

Forced feed permits easy firing from shoulder. Cocks easily by pulling slide toward stock. Gun blue metal parts, American walnut stock, hand-milled "non-slip" grooves on butt of pistol grip, adjustable rear sight.

Factory list each
No. 25—38 in. long; weight each 3¼ lbs.\$3.95
One in a box, six in a case.



Buck Jones Special, 60 Shot Repeater

Barrel 26 in. long. Trombone cocking action like that found on high priced sporting guns. Practically noiseless when discharged. Jacket beautifully engraved with Buck Jones's name. Compass in hardwood stock gives directions at a glance. Genuine easy-reading sun-dial burned into stock. With aid of compass and sun dial, time of day is quickly determined.

Factory list each
No. 107—35 in. long; weight each 2½ lbs.\$2.95
One-half dozen in a case.



No. 103 DAISY SUPER BUZZ BARTON SPECIAL

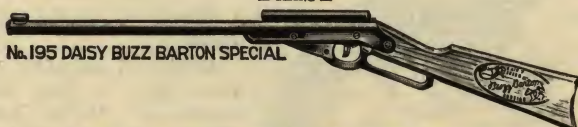
Super, Buzz Barton Special, 1000 Shot Repeater

An accurate hard-hitting reverse lever action repeater, telescopic type sights.

Nickel plated and polished metal parts, natural finished stock, which bears Buzz Barton's signature branded on it.

Factory list each
No. 103—36 in. long; weight each 2¾ lbs.\$2.50
One-half dozen in a case.

DAISY



No. 195 DAISY BUZZ BARTON SPECIAL

Buzz Barton Special, 1000 Shot Repeater

A hard-hitting gun with accuracy assured by new telescopic type sights.

Blue gun steel metal parts, natural finish hardwood stock with Buzz Barton's signature and typical cowboy scenes.

Factory list each
No. 195—35 in. long; weight each 2 lbs.\$1.95
One-half dozen in a case.

AIR RIFLES



No. 102 DAISY 500 SHOT

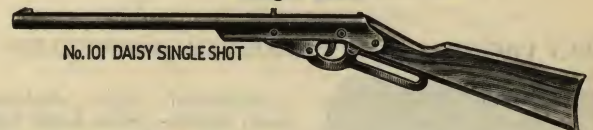
500 Shot Repeater

A new streamline design in automatic repeater with magazine holding 500 shots.

All metal parts nickel finish highly polished, walnut finished stock.

Factory list each
No. 102—31 in. long; weight each 1¾ lbs.\$1.50
One dozen in a case.

Single Shot



No. 101 DAISY SINGLE SHOT

Lever action. Permanent shooting barrel insures successful operation over a long period of time.

Heavy blue gun steel metal parts, walnut finish hardwood stock.

Factory list each
No. 101—31 in. long; weight each 1½ lbs.\$1.00
One dozen in a case.

BENJAMIN



Take-Down, 25 Shot Repeater

Auto-loading, bolt action, hammer fire, hair trigger safety. Shoots lead or steel air rifle shot.

Gun metal finish barrel, genuine walnut tinned stock with pistol grip.

Factory list each
No. 700—36 in. long; weight each 3¼ lbs.\$7.00
One in a carton, one dozen in a case.



Take-Down, Single Action

Breech loading, bolt action, hammer fire, hair trigger safety. Shooting force is adjustable. Shoots lead or steel air rifle shot.

Gun metal finish barrel, genuine walnut tinned stock with pistol grip.

Factory list each
No. 300—36 in. long; weight each 3 lbs.\$6.00
One in a carton, one dozen in a case.

AIR PISTOLS

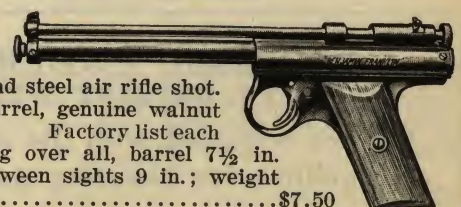
BENJAMIN SINGLE SHOT

Breech loading, bolt action, hammer fire, hair trigger

safety. Shoots lead and steel air rifle shot.

Gun metal finish barrel, genuine walnut stock.

Factory list each
No. 100—10¼ in. long over all, barrel 7½ in.
long, distance between sights 9 in.; weight
each 1¾ lbs.\$7.50
One in a carton, one dozen in a case.



AUTOMATIC PISTOLS

COLT POCKET MODEL .25 CALIBER, HAMMERLESS



Equipped with Automatic Grip Safety—Slide Lock Safety and Safety Disconnecter. Capacity of magazine 6 cartridges. Blued finish, case hardened trigger. Checked walnut stock. Length of barrel 2 in., length over all 4½ in.

Factory list each No. 25—.25 Caliber, shoots .25 Colt automatic rimless smokeless cartridges; weight each 13 ozs.\$17.00 One in a box.

COLT POCKET MODEL .32 CALIBER, HAMMERLESS



Equipped with Automatic Grip Safety—Slide Lock Safety and Safety Disconnecter. A significant point in the construction of this pistol is the solid breech. The breech bolt and slide are forged in one piece which gives a solid support to the powerful ammunition used.

Capacity of magazine 8 cartridges. Blued finish, checked walnut stock, length of barrel 3¾ in., length over all 6¾ in. Factory list each No. 32—.32 Caliber, shoots .32 Colt automatic rimless smokeless cartridges; weight each 24 ozs.\$20.50 One in a box.

COLT "WOODSMAN" MODEL .22 CALIBER, HAMMERLESS



Equipped with a Safety Slide Lock which, when the pistol is cocked, may be pushed upward into a slide notch, thus positively locking both hammer and slide.

Full blued finish, checkered walnut stock, grooved trigger, capacity of magazine 10 cartridges. Length of barrel 6½ in.; length over all 10½ in.; distance between sights 9 in. "Patridge" sights, both non-reflecting; front sight adjustable for elevation; rear sight adjustable for windage.

Factory list each Target Model—.22 Caliber, shoots .22 long rifle regulars or high speed lubricated cartridges; wt. each 29 ozs. ..\$32.00 Sport Model—With 4½ in. barrel; otherwise same as Target Model, weight each 27 ozs. 32.00 One in a box.

MAIL ORDERS
RECEIVE PROMPT ATTENTION
We are equipped with the most modern facilities for handling mail orders.

REVOLVERS

COLT POLICE POSITIVE TARGET



Double Action, 6 Shots, Jointless Solid Frame, Simultaneous Ejection, Swing-Out Cylinder

Blued finish, top of frame stippled to prevent glare. Checked walnut stock, trigger and back strap. Non-reflecting "Patridge" sights, front sight adjustable for elevation, rear sight adjustable for windage. Embedded head cylinder. Length of barrel 6 in., length over all 10½ in.

Factory list each No. PPT22—.22 Caliber, shoots .22 long rifle regular or high speed cartridges; weight each 26 ozs.\$30.00 One in a box.

H. & R. "SPECIAL" HEAVY FRAME



Double Action, 9 Shots Hinge Frame, Automatic Ejection, Safety Cylinder Blued finish. Front sight and lettering on barrel in gold. Checked walnut grip. Length of barrel 6 in.

Factory list each No. 944—.22 Caliber, shoots .22 short, .22 long or .22 long rifle cartridges; weight each 23 ozs.\$14.25 One in a box.

H. & R. TRAPPER MODEL

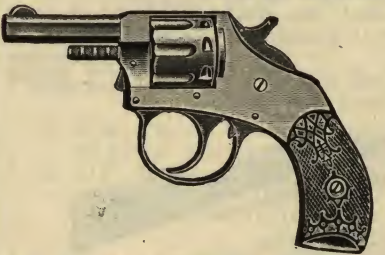


7 Shots, Solid Frame Octagon Barrel

Blued finish. Front sight and lettering on barrel in gold. Checked walnut grip. Length of barrel 6 in.

Factory list each No. 722—.22 caliber, shoots .22 short, .22 long and .22 long rifle cartridges; weight each 12¼ ozs.\$8.75 One in a box.

H. & R. YOUNG AMERICA



Solid Frame, Octagon Barrel

Nickel plated finish. Small and light. Safe and carefully made. Simple solid frame construction permits low price.

Length of barrel 2 in. Factory list each No. 70—.22 Caliber, 7-shot, shoots .22 short and .22 long rim fire cartridges; weight each 8½ ozs.\$6.50 No. 73—.32 Caliber, 5-shot, shoots .32 caliber rim fire cartridges; weight each 9 ozs. 6.50 One in a box.

H. & R. AUTOMATIC EJECTING



Double Action Regular Frame Top Break

Blued or nickel plated finish. With an outside hammer—may be shot either single or double action. Empty shells automatically ejected when revolver is opened for reloading.

Length of barrel 3½ inches. Factory list each No. 10—.32 Caliber, 6-shot, shoots .32 S. & W., .32 S. & W. long and .32 Colt New Police center fire cartridges; weight each 16 ozs.\$13.00 One in a box.

SHOTGUN SHELLS

REMINGTON KLEANBORE

Nitro Express Loads



Extra Long Range

The outstanding heavy load—longest range, hardest hitting, most even pattern, wetproof and loaded only with the finest progressive burning powder.

Green corrugated shell; put up in distinctive green box.

Factory list, per 1000

12 Gauge—2¾ in. shell; shot sizes BB, 2, 4, 5, 6, and 7 chilled	\$44.00
16 Gauge—2⅝ in. shell; shot sizes BB, 4, 5, 6 and 7 chilled	42.00
20 Gauge—2¾ in. shell; shot sizes 4, 5, 6, 7 and 7½ chilled	42.00
.410 Gauge—2½ in. shell; shot sizes 4, 5, 6, 7½ and 9 chilled	26.00
.410 Gauge—3 in. shell; shot size 4, 5, 6, 7½ and 9 chilled, ⅝ oz. shot	28.00

Nitro Express Buck Shot Loads

Factory list, per 1000

12 Gauge—2¾ in. shell; shot size No. 0 buck, 12 pellets..	\$44.00
12 Gauge—2¾ in. shell; shot size No. 4 buck, 27 pellets..	44.00
16 Gauge—2⅝ in. shell; shot size No. 1 buck, 12 pellets..	42.00

Shur Shot Loads



Shur Shot shells have all the important features, including the finest materials and the famous No. 33 primer with battery cup. They are completely wetproofed—top wad, crimp and body—by the Remington exclusive water-proofing process. Smokeless powder.

Green corrugated shell with name KLEANBORE stamped on every shell.

Target or Trap Loads

Nos.	Gauge	Length shell, in.	Powder drams	Shot ozs.	Size of shot	Factory list per 1000
S87½C	12	2¾	3	1¼	7½ chilled	\$34.00
S207½C	16	2¾	2½	1	7½ chilled	32.00
S237½C	20	2½	2¼	⅞	7½ chilled	32.00

Skeet Loads

Gauge	Length, shell, in.	Powder drams	Shot, ozs.	Size of shot	Factory list per 1000
12	2⅝	3	1½	9 Chilled	\$32.00
16	2⅝	2½	1	9 Chilled	32.00
20	2½	2¼	⅞	9 Chilled	32.00

Regular Loads

Nos.	Gauge	Length shell, in.	Powder drams	Shot ozs.	Size of shot	Factory list per 1000
S10F	12	2¾	3½	1¼	BB, 4, 5, 6, 7 ch.	\$36.00
S9	12	2⅝	3¼	1⅓	4, 5, 6, 7½ ch.	36.00
S9	12	2⅝	3¼	1⅓	4, 5, 6, 7, 8 drop	34.00
S8	12	2¾	3	1¼	7½, 8 ch.	34.00
S6	12	2⅝	3	1	4, 5, 6, 7, 8 drop	30.00
S20	16	2⅝	2½	1	4, 5, 6, 7, 8 drop	30.00
S20	16	2⅝	2½	1	4, 5, 6, 7½ ch.	32.00
S23	20	2½	2¼	⅞	4, 5, 6, 7, 8 drop	30.00
S23	20	2½	2¼	⅞	4, 5, 6, 7½ ch.	32.00

All above, 25 in a paper, 500 in a wooden case; average weight of case, 12 gauge, 60 pounds; 16 gauge, 51 pounds; 20 gauge, 46 pounds; .410 gauge, 21 pounds.

SHOTGUN SHELLS

REMINGTON KLEANBORE

Nitro Club Specified Loads

Loaded only with finest American brands of shotgun powder.

Nos.	Gauge	Length shell, in.	Powder drams	Shot ozs.	Size of shot	Factory list per 1000
X17	10	2⅞	4¼	1¼	4, 6 ch.	\$50.00
X28	28	2⅞	2	¾	6 ch.	38.00

Nitro Club Scatter Loads

Loaded only with standard American brands of smokeless powder.

Nos.	Gauge	Length shell, in.	Powder drams	Shot ozs.	Size of shot	Factory list per 1000
SLX7	12	2¾	3	1⅓	6, 7½, 8 drop	\$40.00
SLX20	16	2⅝	2½	1	8 drop	38.00
SLX23	20	2½	2¼	⅞	8 drop	38.00

New Club Loads (Not Kleanbore)

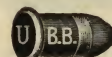
Loaded only with black powder—wetproof.

Nos.	Gauge	Length shell, in.	Powder drams	Shot ozs.	Size of shot	Factory list per 1000
24	10	2⅞	4	1⅓	4, 6 drop	\$34.00

All above, 25 in a paper box, 500 in a wooden case; average weight of case, 12 gauge, 60 pounds; 16 gauge, 51 pounds; 20 gauge, 46 pounds.

RIM FIRE CARTRIDGES

REMINGTON



Adapted to Flobert and all .22 caliber rim fire single shot rifles.

Factory list, per 1000

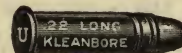
.22 BB Bullet Breech Caps—KLEANBORE.....	\$2.80
100 in a box, 10,000 in a case; weight per case 43 pounds.	



Adapted to rifles, revolvers and pistols of this caliber.

Factory list, per 1000

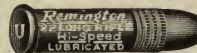
.22 Short—KLEANBORE, Regular or Hi-Speed with Lead Lubricated or Kleankote bullet	\$3.60
.22 Short Hollow Point—KLEANBORE, Regular or Hi-Speed with Lead Lubricated or Kleankote bullet	4.40
50 in a box, 10,000 in a case; average weight case 60 lbs.	



Adapted to repeating and single shot rifles, also revolvers and pistols.

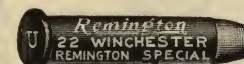
Factory list, per 1000

.22 Long—KLEANBORE, Regular or Hi-Speed with Lead Lubricated or Kleankote bullet	\$4.60
.22 Long Hollow Point—KLEANBORE, Regular or Hi-Speed with Lead Lubricated or Kleankote bullet	5.40
50 in a box, 10,000 in a case; average weight case 67 lbs.	



Factory list, per 1000

.22 Long Rifle—KLEANBORE, Regular or Hi-Speed with Lead Lubricated or Kleankote bullet	\$5.80
.22 Long Rifle Hollow Point—KLEANBORE, Regular or Hi-Speed with Lead Lubricated or Kleankote bullet ..	6.20
.22 Long Rifle Palma—KLEANBORE, Regular with Lead Lubricated bullet	8.20
.22 Long Rifle Indoor Target—KLEANBORE, Regular with Sharp Shoulder bullet	8.20
50 in a box, 10,000 in a case; average weight case 85 lbs.	

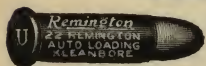


Adapted to Winchester Model 1890 repeating rifles; Winchester, Remington and Stevens single shot rifles, also revolvers.

Factory list, per 1000

.22 W. R. F. (Rem. Spec.)—KLEANBORE, Regular or Hi-Speed with Kleankote bullet, inside lead lubricated....	\$ 9.60
.22 W. R. F. (Rem. Spec.) Hollow Point—KLEANBORE, Regular or Hi-Speed with Kleankote bullet, inside lead lubricated	10.00
50 in a box, 5,000 in a case; average weight case 50 lbs.	

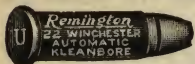
Note—When ordering, always specify whether Regular or Hi-Speed—also whether Lead Lubricated or Kleankote, Lead lubricated will be furnished unless otherwise specified

RIM FIRE CARTRIDGES
REMINGTON

Adapted to Remington Model 16, .22 autoloading rifle.

Factory List—Per 1000

.22 Remington Autoloading—KLEANBORE, Lead bullet.....\$9.60
50 in a box, 5,000 in a case; weight per case 51 pounds.



Adapted to Winchester automatic rifle .22 caliber Model 1903 only.

Factory List—Per 1000

.22 Winchester Automatic—KLEANBORE, Lead bullet.....\$9.60
50 in a box, 5,000 in a case; weight per case 53 pounds.



Adapted to Marlin Model 1892 repeating rifle, Remington and other single shot rifles, also revolvers and pistols.

Factory List—Per 1000

.32 Short—KLEANBORE, Lead bullet.....\$10.80
50 in a box, 5,000 in a case; weight per case 84 pounds.

SHOT CARTRIDGES

REMINGTON RIM FIRE



Adapted to all repeating and single shot rifles of this caliber.

Factory List—Per 1000

.22 Long Rifle Hi-Speed Shot—KLEANBORE\$9.00
50 in a box, 10,000 in a case; weight per case 66 pounds.

CENTER FIRE CARTRIDGES

REMINGTON



For use in rifles especially designed for this cartridge.

Factory List—Per 1000

.22 Hornet—KLEANBORE, Hi-speed Mushroom\$29.00
50 in a box, 2,000 in a case; weight per case 37 pounds.



Adapted to Winchester, Marlin Savage

and Remington repeating rifles.

Factory List—Per 1000

.25-20 Win. Mar. Rem.—KLEANBORE, Lead bullet.....\$29.20
.25-20 Win. Mar. Rem.—KLEANBORE, Hi-speed, Mushroom bullet.....30.80
.25-20 Win. Mar. Rem.—KLEANBORE, Hi-speed, Metal Case bullet.....30.80
50 in a box, 2,000 in a case; weight per case 47 pounds.



Adapted to Colt, Browning, H. & R. and various automatic pistols.

Factory List—Per 1000

.25 (6.35 m/m) Automatic Pistol—KLEANBORE, oil proof, Metal Case bullet.....\$25.60
50 in a box, 5,000 in a case; weight per case 66 pounds.

CENTER FIRE CARTRIDGES

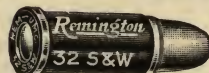
REMINGTON



Adapted to Winchester Model 1894, Marlin Model 1893, Savage Models 1899 and 1920 repeating rifles. Also Winchester Models 54 and 55, Savage Models 40 and 45.

Factory List—Per 1000

.30-30 Win. Mar. Sav.—KLEANBORE, Soft Point bullet.....\$62.50
20 in a box, 1,000 in a case; weight per case 58 pounds.



Adapted to Smith & Wesson, Colt and other revolvers.

Factory List—Per 1000

.32 S. & W.—KLEANBORE, oil proof, Lead bullet.....\$18.40
50 in a box, 5,000 in a case; weight per case 99 pounds.

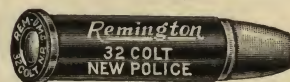


Adapted to Colt, Webley, Tranter and other double action revolvers, also Marlin Model

1892 Repeating Rifle.

Factory List—Per 1000

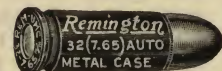
.32 Short Colt—Oil proof, black powder, Lead bullet.....\$17.00
50 in a box, 5,000 in a case; weight per case 98 pounds.



Adapted to Colt New Police positive hand ejector revolvers.

Factory List—Per 1000

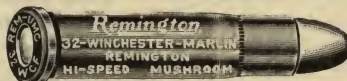
.32 Colt New Police (Police Positive)—Oil proof, black powder, Lead bullet.....\$18.40
50 in a box, 5,000 in a case; weight per case 120 pounds.



Adapted to Colt, Savage, Browning, and other automatic pistols.

Factory List—Per 1000

.32 (7.65 m/m) Automatic Pistol—KLEANBORE, metal case bullet.....\$27.80
50 in a box, 5,000 in a case; weight per case 94 pounds.



Adapted to Remington Model 25, Winchester M/1892, Marlin and Colt Repeating Rifles, Remington and Winchester single shot rifles, also Savage 23B and 23C and Winchester M/53.

Factory List—Per 1000

.32 Win. Mar. Rem.—KLEANBORE, oil proof, Lead bullet.....\$29.40
.32 Win. Mar. Rem.—KLEANBORE, oil proof, Metal Case bullet.....30.80
.32 Win. Mar. Rem.—KLEANBORE, hi-speed, Mushroom bullet.....30.80
50 in a box, 2,000 in a case; average weight case 55 pounds.

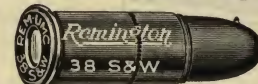
All Center Fire Cartridges Kleanbore Unless Otherwise Noted



Adapted to all .38 caliber Colt automatic pistols.

Factory List—Per 1000

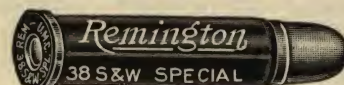
.38 Super Automatic Colt Pistol—KLEANBORE, oil proof, Metal Case bullet.....\$40.00
50 in a box, 2,000 in a case; weight per case 63 pounds.



Adapted to Smith & Wesson, Colt Police and other revolvers.

Factory List—Per 1000

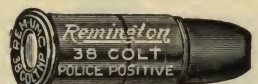
.38 S. & W.—KLEANBORE, oil proof, Lead bullet.....\$24.00
50 in a box, 2,000 in a case; weight per case 63 pounds.



Adapted to Smith & Wesson, New Military revolvers and Colt Police Special and Army Special revolvers.

Factory List—Per 1000

.38 S. & W. Special—KLEANBORE, oil proof, Lead bullet.....\$28.40
.38 S. & W. Special—KLEANBORE, oil proof, Metal Point bullet.....30.00
50 in a box, 2,000 in a case; weight per case 71 pounds.



Adapted to Colt Police Positive and Smith & Wesson revolvers.

Factory List—Per 1000

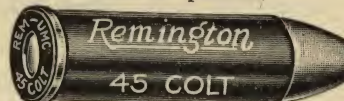
.38 Colt New Police (Police Positive)—Oil proof, black powder, Lead bullet.....\$20.60
50 in a box, 2,000 in a case; weight per case 66 pounds.



Adapted to Colt and other revolvers; also to rifles chambered for this cartridge.

Factory List—Per 1000

.38 Short Colt—Oil proof, black powder, Lead bullet.....\$20.60
50 in a box, 2,000 in a case; weight per case 57 pounds.



Adapted to Colt Single and Double Action Army and New Service revolvers.

Factory List—Per 1000

.45 Colt—KLEANBORE, oil proof, Lead bullet.....\$38.00
50 in a box, 2,000 in a case; weight per case 109 pounds.



Adapted to Colt Automatic Pistol and Thompson Sub. Machine gun.

Factory List—Per 1000

.45 Colt Automatic Pistol—KLEANBORE, oil proof Metal Case.....\$46.00
50 in a box, 2,000 in a case; weight per case 100 pounds.

BLANK CARTRIDGES

REMINGTON, RIM FIRE

Adapted to revolvers, single shot rifles and pistols.
Factory list per 1000



.22 Short—Wt. per case 24 lbs.\$2.40
50 in a box, 10,000 in a case.

Adapted to revolvers, single shot rifles and pistols.



.32 Short—Wt. per case 25 lbs.\$4.60
50 in a box, 5,000 in a case.

REMINGTON, CENTER FIRE

Adapted to pistols and revolvers of this caliber.



.32 S. & W.—Wt. per case 37 lbs.\$9.60
50 in a box, 5,000 in a case.

Adapted to pistols and revolvers of this caliber.



.38 S. & W.—Wt. per case 23 lbs.\$12.20
50 in a box, 2,000 in a case.

AIR RIFLE SHOT

REMINGTON RED TOP



In Attractive Two-Color Container

Tube is strongly made of best quality shot shell paper, with telescoping cap. Red top, yellow body.

No. 1R—In 2 3/4 oz. tubes; weight per case 21 lbs.\$6.00
No. 2R—In 4 oz. tubes; weight per case 30 lbs. 7.00
100 tubes in a case.

No. 5R—In 5-lb. bags\$1.00
No. 25R—In 25-lb. bags 4.50

BULLS EYE STEEL

Copper Coated

Bulls Eye steel shot is accurate. Each pellet perfectly formed, which insures straight shooting. They are bright and shiny, are not poisonous like other kinds when held in the

mouth. They do not flatten out and do not clog the gun and can often be used over again.

No. 1BI—About 200 pellets in an orange colored tube with blue cap; weight per tube 3 ozs.; weight per case 17 lbs. \$5.75
One hundred tubes in a case.

BLACK SPORTING POWDER



FG



FFG



FFFG

For Rifles, Shot Guns and Small Arms

Kegs—25 lbs. (FG, FFG, FFFG)\$19.50
1/4 Kegs—6 1/4 lbs. (FG, FFG, FFFG) 5.75
Canisters—1 lb. (FFG) 1.20

SMOKELESS POWDER

For Rifles, Shot Guns and Small Arms

1/4 Kegs—6 1/4 lbs. (FFG)\$26.50
Canisters—8 ozs. (FFG), equiv. to 1 lb. of black powder 2.00
Note—Black powder and smokeless powder cannot be packed with other goods, cannot be shipped by Express.

NOTE—Goods Marked ® Not Carried in Stock, but Shipped Direct from Factory.

BLACK BLASTING POWDER

ILLINOIS

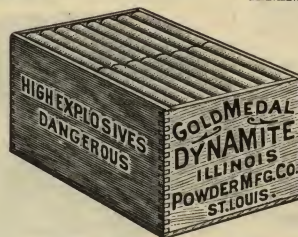


For use in coal mines, in stone quarries and in soft materials where high explosives are too quick in their action to utilize their entire strength. Exerts a strong push on the material to be moved and not a blow as exerted by high explosives.

Kegs—25 lbs. (F, FF, FFF)\$4.50
In metal keg.

GOLD MEDAL DYNAMITE

AMMONIA GRADE



An explosive especially adapted to all agricultural work, except wet ditches.

Not waterproof but will resist water well, if cartridges are not slit or broken.

This grade has a strong heaving and rending effect, a trifle slower than nitro-glycerine grades.

This grade is less sensitive than nitro-glycerine grade. The gases generated by their explosion in close places are not as objectionable as the regular nitro-glycerine

Size of cartridges, 1 1/4 x 8 in.

Nos.	A40	A60
Strength	40%	60%
Per 100 pounds	\$31.00	34.00

In 25 and 50 pound boxes.

AMMONIA GELATIN GRADE

This is the same as above ammonia grade, only it is low freezing and will not absorb moisture.

Size of cartridges, 1 1/4 x 8 in.

Nos.	AG40	AG60
Strength	40%	60%
Per 100 pounds	Price on Application	

In 25 and 50 pound boxes.

SAFETY FUSE



For use in connection with blasting caps to detonate high explosives when it is not necessary to fire more than one charge at a time. Also used in exploding blasting powder without caps.

Plain Finished

Double Tape—For use in wet work\$1.50
Hard Finished

Charter Oak—For use in wet work\$1.30
Clover Brand—For use in very wet work; general purpose fuse 1.40
100 feet in a roll.

ELECTRIC BLASTING CAPS



Develop the full force of any high explosives that are not too sensitive to handle or use with any degree of safety. The shell is of copper, 1 1/4 in. long, .273 in. outside diameter. Weight of charge 15.43 grains. 1.00 gram. The wires are insulated copper.

No. 6—Double Strength, Double Wound Insulation

Length wires, ft.	4	6
Weight per 100, lbs.	4 1/2	5
Per 100	\$14.00	15.00

BLASTING CAPS

ILLINOIS



Blasting caps contain a small quantity of very high explosives. They are very sensitive to sharp hard blows, therefore must be handled carefully. They

are very susceptible to heat.

Per 100

No. 6—Copper cylinder $\frac{1}{4} \times 1\frac{1}{2}$ in. ..\$3.30
100 in a metal box.

Note—Blasting caps cannot be shipped with dynamite, but must go separately, by freight or truck only.

CALCIUM CARBIDE

UNION

For Miners' Lamps



A carefully selected and specially sized product, prepared exclusively for use in miners' lamps, railroad lamps, hunters' or campers' lamps and lanterns and similar pieces of equipment. The most satisfactory and economical carbide for this type of apparatus because of its ever-dependable, high gas yield, uniform

sizing and freedom from impurities and from dust or "fines."

Size drums, lbs. 25 100
Each\$3.30 11.70

SUNLITE



Sunlite carbide is the result of continuous effort to produce carbide which most nearly meets the requirements of all uses and users.

Very high in gas yield and is also free from "fines" and impurities.

Note—The 2 and 10 pound containers are rubber-cement sealed.

For Miners' Lamps

Size cont., lbs.. 2 10 25 100
Cont. in case.. 24 6
Each\$0.40 1.70 3.00 10.50

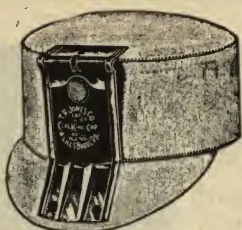
For House Lighting and Welding Generators

Size, in. $3\frac{1}{2} \times 2$ $1\frac{1}{4} \times 3\frac{1}{2}$ $\frac{1}{4} \times \frac{1}{2}$
Style Lump Nut Quarter
Per 100 pounds ..\$10.00 10.00 10.00

For Welding Generators

Size 14ND Rice
Per 100 pounds\$10.70 10.70
100 pounds in a drum.

MINERS' CAPS



With Lamp Holder

Heavy white duck, lined with soft cotton flannel. Lamp holder of hard fibre and tin.

Per dozen

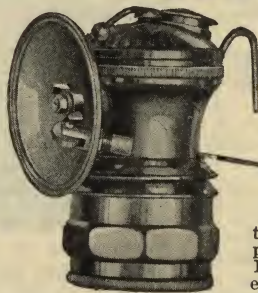
Coal King—Sizes $6\frac{3}{4}$, $6\frac{7}{8}$, 7, $7\frac{1}{8}$, $7\frac{1}{4}$ and $7\frac{3}{8}$; weight per dozen 4 lbs.\$4.50

One dozen in a carton.

Note—Always state size wanted.

MINERS' CAP LAMPS

AUTO-LITE



Self-Lighter

Recognized as the Standard Miners' Acetylene Pit Lamp. Simple in construction, absolutely reliable, strong and durable, yet light in weight.

Auto-Lite is truly the most dependable Miners' Lamp—Safe, sure, economical—the light that never fails.

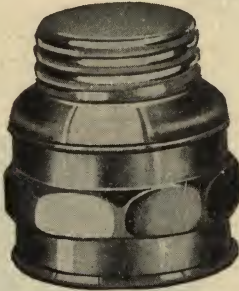
Lamp is of polished brass with silver nickel-reflector.

Gives 20 candle power light and burns from three to four hours on one filling of carbide.

Per dozen

No. 106— $2\frac{1}{2}$ in. diam. reflector; wt. each 5 ozs.\$16.50
One in a box.

EXTRA PARTS FOR AUTO-LITE MINERS' CAP LAMPS



Carbide Containers

Per dozen
No. 120—Polished brass carbide container with cover ..\$3.30

Complete Lighters Per dozen

No. 25—Complete lighter post\$1.60

Flints Per dozen

No. 26—Flint, put up in capsules\$0.20



Lava Tips Per dozen

No. 27—Lava tip....\$0.20



Diamond Tips Per dozen

No. 28—Diamond tip; metal with lava insert\$0.40



Flat Rubber Gaskets

Per dozen
No. 30—Flat rubber gaskets\$0.20

Tip Cleaners

Hard rust-proof steel wires. Siding cover protects wires when not in use.

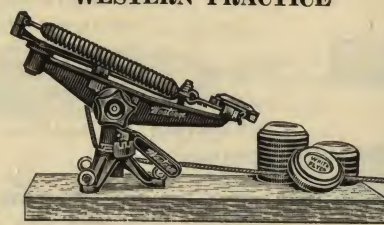
Per dozen

No. 40—Tip Cleaners\$1.60

All above, one dozen in a carton.

TARGET TRAPS

WESTERN PRACTICE



The Western Practice Trap is simple, compact and light in weight, but at the same time sturdy and reliable. Easily installed and readily moved. It is instantly adjustable to all angles and elevations. The carrier imparts to the target a high rotary motion which assures ready breaking. This trap is extensively used by Skeet clubs and for private trap-shooting.

Each

Western Practice—Weight each 20 lbs.\$16.00

One in a crate.

WESTERN HAND



A simple, inexpensive and easily used device which makes it possible to practice target shooting with the shotgun anytime and anywhere and with any gauge gun.

Strong hardwood handle and leather wrist thong, with sturdy coiled spring flexible ferrule, fits readily into a hand bag.

Each

Western Hand—Wt. each 11 ozs....\$3.50

One in a carton.

CLAY TARGETS

WHITE FLYER



A clean cut saucer shaped disc $4\frac{1}{4}$ inch diameter. $1\frac{1}{8}$ in. high, with $\frac{3}{8}$ in. rim. Its ebony black surface is encircled with a clear white band. Makes a clear definite mark to shoot at, breaks when hit.

Per container

No. 135—Will operate in any standard trap; wt. per container 65 lbs.\$4.00

135 in a carton, two cartons in a container.

GUN AND LUBRICATING OIL



REM
The perfected combination. lubricating oil, powder solvent and rust preventative. Rem oil is absolutely clear and colorless which proves its purity and the excellence of materials used in it. Rem oil cannot gum.

Per dozen
No. 1—3 oz. handy can\$4.00
Wt. per dozen 4 lbs.
One dozen in a box.

GUN GREASE

REMINGTON



Protects all metals from rust and corrosion in every climatic condition. Made from pure materials.

Per dozen
No. 3—In 5 in. collapsible tubes; wt. per carton 2 1/4 lbs.\$2.40
One dozen in a carton.

RUST REMOVER

REMINGTON



Removes rust from metal surfaces of all kinds.

Per dozen
No. 4—In 5 in. collapsible tubes; wt. per carton 2 1/4 lbs.\$4.00
One dozen in a carton.

POWDER SOLVENT

REMINGTON



Positively neutralizes the acid residue of nitro powders, and leaves the interior of the barrel bright as a mirror. Prevents rust and corrosion.

Per dozen
No. 2—In handy cans with non-fillable top; net wt. 3 fluid ozs.\$4.80

Weight per dozen 4 pounds.
One dozen in a carton.

NITRO POWDER SOLVENT

HOPPE'S



Loosens leading and metal fouling. Cleans out all powder and primer residue.

America's oldest, most popular gun cleaning preparation and the favorite for rifles, shot guns and revolvers and used as a constant necessity.

Per dozen
No. 9—In 2 oz. bottles; wt. per dozen 2 lbs.\$6.00
One dozen in a box.

LUBRICATING OIL

THREE IN ONE



No. 0 No. 1 No. 3 1/2

Three-In-One Oil Lubricates, Cleanses, Polishes and Prevents Rust

Has no equal for sewing machines, guns, bicycles, typewriters and other mechanism.

Per dozen
No. 0—1 oz. "Oilright" Handy Can, wt. per doz. 1 1/4 lbs.\$1.60

No. 1—1 oz. bottle, wt. per dozen 3 lbs. 1.60

No. 3 1/2—3 oz. Handy Flat Tin Oil Can with self-sealing spout which can't leak, slips easily into hip pocket; weight per dozen 4 lbs. 4.00

One dozen in a display carton.

STANDARD FINOL OIL



Shot guns, rifles, repeaters, revolvers and other firearms will remain clean, bright and in perfect working order if oiled and cleaned with Finol. A strip of flannel moistened with Finol oil will remove residue from gun barrels.

Also used for lubricating delicate and fast running machinery.

Per dozen
Finol—In 4 oz. handy cans; wt. per dozen 4 1/2 lbs.\$3.00

One dozen in a box.

RADIANT



For keeping shotguns, rifles, revolvers and other firearms in perfect working condition.

Cleans and prevents rusting of metal surfaces.

Also used in the home, office or shop for oiling sewing machines, vacuum cleaners, typewriters, electric fans, etc.

Per dozen
No. 853—in 3 oz. cans; wt. per doz. 4 lbs.\$1.60

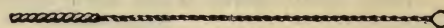
Two dozen in a case.

RIFLE CLEANING RODS

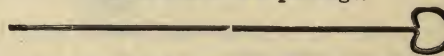
STEVENS



Coppered steel rod, ringed handle, 1/8 in. notched and slotted tip. Per dozen
No. 510—.22 caliber, 28 in. long; wt. per dozen 2 lbs.\$0.80
Three dozen in a package.

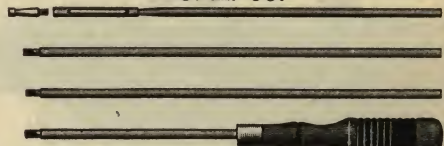


Twisted coppered wire, ringed handle, pure bristle brush on end. Per dozen
No. 505—.22 caliber, 27 in. long; wt. per dozen 1 1/2 lbs.\$1.00
Three dozen in a package.



Brass rod; 5/8 in., slotted and notched; Steven's patent ring. Per dozen
No. 513—.22 caliber, 32 in. long; wt. per dozen 2 lbs.\$4.00
Three dozen in a package.

U. H. CO.



Four jointed brass rod slotted and jagged tip, revolving coco-bolo handle and threaded tip to take brass or bristle brushes. Per dozen
No. 141B—For .22 caliber; 34 in. long, wt. per dozen 3 1/8 lbs. ...\$8.00
One in a canvas bag, one dozen in a carton.

RIFLE CLEANING BRUSHES

U. H. CO.



For Use With No. 141B Rifle Cleaning Rod
Brass wire brush with twisted brass core and shank. Per dozen
No. 246B—For .22 caliber; per doz. 3/4 lb.\$2.20
One dozen in a box.

SHOT GUN CLEANERS

GENUINE TOMLINSON



Will Fit Any Standard Rod

Guaranteed to remove all lead, rust spots and foreign matter from breech to muzzle. Has a bearing surface of 4 in.; will not injure the finest barrel.

Brass wire gauze sides wrapped over wood.

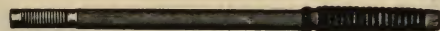
Complete with One Extra Pair of Sides
Nos. 12T 16T 20T 410T
For gauge 12 16 20 410
Wt. doz., lbs. 1 1/8 1 1/8 1 1/8 1 1/4
Per dozen\$6.00 6.00 6.00 6.00
One in a box, one dozen in a carton.

SHOT GUN CLEANING RODS

EUREKA



No. 212E



No. 232E

Three Joints, Birch Wood, Brass Trimmings with Three Implements

Nos.	95-12	95-16	95-410
For gauge	12	16 to 20	410
Per dozen	\$7.00	7.00	7.00

Weight per set ½ pound.

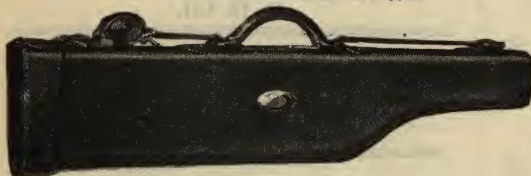
One in an envelope, one dozen in a box.

EXTRA IMPLEMENTS FOR ABOVE

Nos.	202E	212E	232E
For gauge	12 to 410	12 to 410	12 to 410
Weight per dozen, ozs.	4	4	2
Per dozen	\$1.60	1.60	.90

Three dozen in a box.

Note—When ordering, state gauge wanted.

GUN CASES
TAKE-DOWN

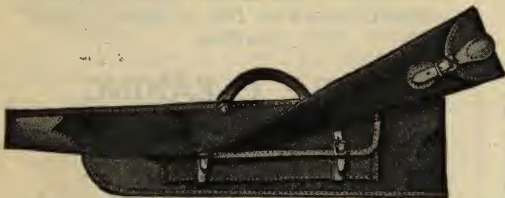
Embossed mahogany leather, white flannel lined, rod pocket attached to adjustable partition, handle

Each

and sling, loop tongue buckle.

No. 4D—For double barrel and repeating shotguns, for 30 to 32 in. barrels; weight each 4 lbs.\$9.00

No. 4RA—For all automatic shotguns, for 30 to 32 in barrels; weight each 4½ lbs. 10.00



Medium weight forest brown duck, white flannel lining, russet leather protectors at muzzle and lock, canvas bound, molded end.

Each

No. 1166D—For double barrel and repeating shotguns; wt. each ¾ lb.\$2.50

No. 1166RA—For Remington 17 and 31 and automatics; weight each ¾ lb. 2.60



Forest brown duck, white flannel lined, canvas bound, flat muzzle end, leather handle.

Each

No. 062D—For double barrel and repeating shotguns; weight each ½ lb.\$1.20

No. 062R—For rifles; weight each ½ lb. 1.20

FULL LENGTH



Medium weight forest brown duck, white flannel lined, leather reinforced at lock and

muzzle. Molded leather end. Combination sling and handle. Full canvas bound.

No. 1151R—For rifles; weight each ½ lb.\$2.30

No. 1151G—For shotguns; weight each ½ lb. 2.30

All gun cases, open stock.

Note—When ordering Gun Cases, be sure to specify length of barrel.

HUNTING COATS

RED HEAD BRAND



High count genuine army duck in forest brown color with guaranteed water-proof treatment. Full lined coat and top sleeves. Wide flaring skirt. Fine-rib, extra wide corduroy collar, 3 inch adjustable corduroy cuffs. Reinforced and padded shoulders. Ventilated gussets under arms. Four non-breakable ivory buttons on coat and two on each cuff. Leather match scratcher. Two double shell pockets, one breast pocket, one match pocket, three large game pockets full width of coat

formed by inside lining, each pocket protected by reinforced flap; pocket corners back-stitched for additional strength.

Each

No. G—Sizes 40 to 46 in.; wt. per dozen 36 pounds\$10.00

Open stock.

SHELL VESTS

RED HEAD BRAND



High count genuine army duck in forest brown color with guaranteed waterproof treatment. Five button pattern to fit up close to neck, large comfortable arm holes; two upper rows of shell loops on left front side, one upper row on right front side, 1 lower row entire width of vest. Total capacity 50 to 60 shells according to size of vest.

Each

No. GV—Sizes 40 to 46 in.; weight per dozen 9 lbs.\$3.00

Open stock.

Note—When ordering state gauge wanted.

HUNTING PANTS

RED HEAD BRAND



Material—High count genuine army duck, forest brown color, with guaranteed waterproof treatment.

Lining—Inside drop lining made of drill.

Pockets—2 cut-in side pockets, 2 cut-in rear pockets protected with flaps to button, 1 cut-in right side watch pocket.

Reinforcements—Seat and front of legs reinforced on outside with same material as above. All pocket openings strongly reinforced on edges and at corners.

Belt Loops and Buttons—On outside of top band.

Waist Adjustment—Canvas strap and buckle on each side.

Per pair

No. GP—Full length, sizes 34 to 44; wt. per doz. 23½ lbs.\$5.00

Open stock.

HUNTING CAPS RED HEAD BRAND



Havelock Style
Army duck top with waterproofed lining. Corduroy ear flaps.

Provides maximum ear and neck protection.

Each
No. 41—Sizes 7 to 7½; weight per dozen 4½ lbs.\$1.30
Open stock.

RECOIL PADS RED HEAD BRAND



Solid rubber. The most resilient pad on the market, insuring maximum shock resistance. Space between tubes permits walls to spread easily obtaining uniform compressibility to full limit until forward and outer walls meet.

In many pads the resistance increases as the pad is compressed, but the opposite is true of the Red Head Brand Recoil Pad.

Nos.	RHB1	RHB2
Width, in.	1½	1¾
Length, in.	5	5¾
Thickness, in.	1½	1¾
For guns, ga.	16 to 20	12
Wt. per doz., lbs. ..	3½	3½
Each	\$2.00	2.00

One in a box.

JOSTAM "ANTI-FLINCH"



Best grade live red rubber vulcanized on black hard rubber base plate.

Oblong holes through soft rubber, slanting at an angle of 45 degrees in line with stock, eliminates upward whip of muzzle and takes up the recoil 1 in. thick.

Nos.	2	3	4
Size	Small	Medium	Large
Length, in. .	4¾	5½	5¾
Width, in. .	1½	1½	2
Thick., in. .	1	1	1
Wt. dz., lbs.	4½	5¼	6¾
Each	\$4.00	4.00	4.00

One in a box.

DUCK CALLS ALLEN'S



Maplewood, lined with brass tubing, nickel plated tip.
Will not shrink or swell.

Per dozen
No. 1902—5 in. long; weight per dozen 2 lbs.\$15.00
One-half dozen in a box.

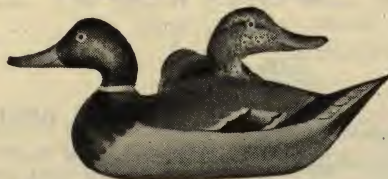
OLT'S REGULAR



Made of hard rubber throughout and nicely polished. Perfect workmanship and not affected by climatic conditions. Tone is absolutely true to nature.

Per dozen
No. D2—About 4¾ in. long; weight per dozen 1¼ lbs.\$12.00
One dozen in a box.

DECOY DUCKS



Solid, Standard Size

Made of selected kiln-dried cedar, treated in a water-proofing solution and then painted in natural colors true to life, in a dull finish to prevent glare. Glass eyes; heads are fitted on with dowels to reduce the chance of them breaking off.

Finished in Mallard.

Per dozen
No. 1—Standard size; weight per dozen 30 lbs.\$21.00
One dozen in a wire bound wooden box, eight male and four female.

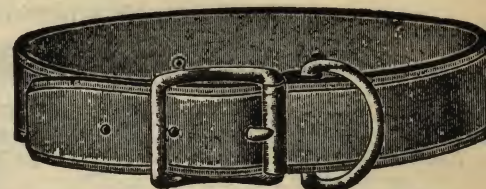
DOG COLLARS



Heavy black harness leather, single thickness, loop tongue buckle, brass trimmings.

Per dozen
No. 663—¾ in. wide, assorted 13, 15 and 17 in. long; wt. per dozen 1½ lbs.\$ 5.50
No. 665—1 in. wide, assorted 15, 17 and 19 in. long; wt. per dozen 2¼ lbs. 8.00
No. 667—1¼ in. wide, assorted 17, 19 and 21 in. long; wt. per dozen 3½ lbs. 12.00
One dozen in a box.

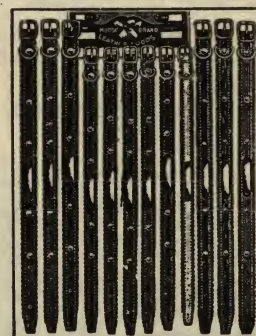
DOG COLLARS



Russet or black leather, plain buckle riveted, nickel trimmed.

Per dozen
No. 93—¾ in. wide, 13, 15 and 17 in. assorted lengths; weight per dozen 1¾ lbs.\$3.80
No. 95—1 in. wide, 15, 17 and 19 in. assorted lengths; weight per dozen 2 lbs. 6.00
No. 97—1¼ in. wide, 17, 19 and 21 in. assorted lengths; weight per dozen 3½ lbs. 7.50
One dozen in a box.

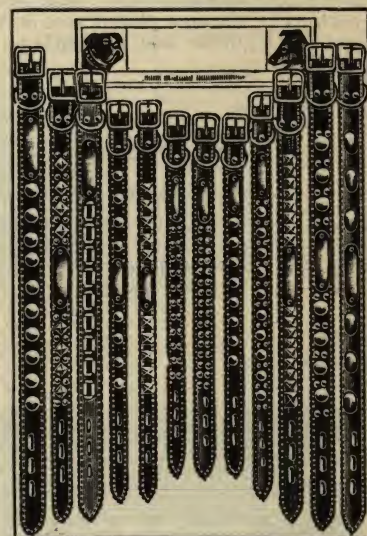
DOG COLLAR ASSORTMENTS



Contains one dozen collars in assorted colors. Seven collars felt lined; five unlined. All brass trimmed.

Per assortment
No. 12—½ and ¾ in. widths, 11 to 15 in. lengths; wt. per assortment 1 lb.\$2.10

One assortment on a card, one card in an envelope.




Contains one dozen collars in assorted colors.

Two large collars leather lined; six collars felt lined; four collars unlined. Very closely spotted in nickel and brass.

Per assortment
No. 13—½ to 1½ in. widths, 11 to 19 in. lengths; weight per assortment 2½ lbs.\$4.80
One assortment on a card, one card in an envelope.

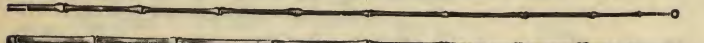
FISHING POLES
GOLD MEDAL JAPANESE BAMBOO



Light yellow color, heavy butt.

Length, ft.	14	16	18	20
No. in bundle	100	50	50	50
Wt. per bundle, lbs.	78	56	78	103
Per 100	\$8.00	11.50	15.00	19.00


FISHING RODS
JOINTED, JAPANESE BAMBOO, BAIT



Two pieces; Henshall ferrules; wound on tops.

No. J0—Lengths 7 to 9 ft.; wt. each 6 ozs.\$4.00

Per dozen



Three pieces; Henshall ferrules; wound on tops.

No. J4—Lengths 10 to 12 ft.; weight each 9½ ozs.\$10.00

All above, one in a paper bag.

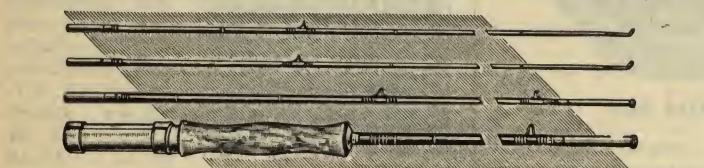
SOUTH BEND BEST-O-LUCK, SPLIT BAMBOO, FLY

No. 55—With Nickel Plated Reel Seat

Three pieces; natural finish bamboo; non-slip suede finish grip; nickel plated reel seat and ferrules. Steel guides, nickel silver tip tops.

No. 55—Length 9 ft.; wt. each 7¼ ozs.\$3.30

Each



No. 58—With Chrome Plated Reel Seat

Three pieces and extra tip; light brown finish bamboo; shaped solid cork grip; chrome plated reel seat; welted chromium plated ferrules; steel guides and tip top.


Nos.	58-9	58-9½
Length, ft.	9	9½
Weight each, ozs.	7	8
Each	\$6.00	6.00

All above, one in a cloth bag.

SOUTH BEND, SPLIT BAMBOO, FLY

Three pieces and extra tip; selected bamboo; finished in light brown; shaped solid cork grip; chromium plated metal ferrule and reel seat; tool hardened steel guides; contrasting silk windings. Reel seat is screw locking type.

Nos.	77-9	77-9½
Length, ft.	9	9½
Weight each, ozs.	6½	6¾
Each	\$10.00	10.00



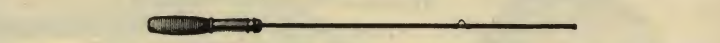
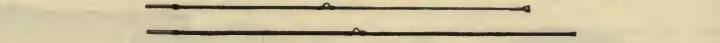
Bass or Steelhead Action

Three pieces and extra tip; good quality bamboo; finished in flashy duo-tone color; solid cork grip; chromium plated screw locking reel seat and ferrules; guides and tip top chromium plated hardened steel; primrose and orange silk windings.

Nos.	47-9	47-9½
Length, ft.	9	9½
Weight each, ozs.	6	6½
Each	\$13.50	13.50

All above, one in a cloth bag.

FISHING RODS
VIM, STEEL JOINTED, BAIT


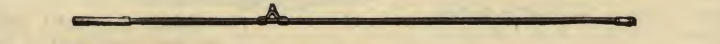



Three joints with handle attached to butt joint; black enameled finish; beaded black waterproofed wood grip; nickel plated trimmings; brass ferrules; three ring top; snake guides.

Nos.	V-7	V-8	V-9
Length, ft.	7	8	9
Weight each, ozs.	6½	7¼	8
Each	\$1.00	1.00	1.00

One in a partitioned cloth bag.

SOUTH BEND, STEEL JOINTED, BAIT CASTING



Three piece; both grips of non-slip suede finish; nickel plated reel seat; garnix guides and top.



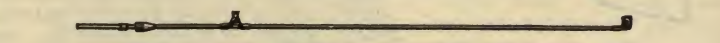
Ferrules cannot twist as they are held in place by small lug.

Nos.	106-4	106-4½	106-5
Length, ft.	4	4½	5
Weight each, ozs.	6	6½	8
Each	\$2.70	2.70	2.70

One in a cloth bag.

SOUTH BEND, STEEL LOCK JOINT, BAIT CASTING

Patented locking joints make it possible to quickly assemble these rods with all guides in perfect alignment, while caps, when screwed down positively lock the joints in position so they cannot creep out of place, even under heaviest use.



Three piece; black baked enamel finish; solid cork grip and forward grip; nickel plated screw locking reel seat and finger hook; garnix guides.

Nos.	102-4	102-4½	102-5
Length, ft.	4	4½	5
Weight each, ozs.	6½	7	7
Each	\$4.40	4.40	4.40

One in a partitioned cloth bag.



Three piece, with handle; black baked enamel finish; solid cork grip and forward grip; nickel plated screw locking reel seat and finger hook.

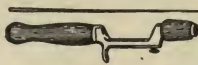
With Garnix Guides

Nos.	103-4	103-4½	103-5
Length, ft.	4	4½	5
Weight each, ozs.	8½	9	9½
Each	\$4.70	4.70	4.70

One in a partitioned khaki bag.

FISHING RODS

CHALLENGE, ONE PIECE SOLID STEEL, CASTING

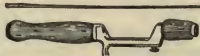


Squared round section, uniform taper vanadium alloy steel, regular heat treatment. Two imitation agate guides and top, cadmium plated. Polished aluminum offset handle with double cork select quality grips.

Nos.	Z-4	Z-4½
Length, ft.	4	4½
Weight each, ozs.	8	8½
Each	\$6.00	6.00

One in a brown cloth bag.

OXFORD, ONE PIECE SOLID STEEL, CASTING



One piece square forged tip of vanadium alloy steel, cadmium plated. Two imitation agate guides and top. Offset aluminum handle, bright finish with double cork grips of select quality.

Nos.	10-4	10-4½	10-5
Length, ft.	4	4½	5
Weight each, ozs.	8½	9	9½
Each	\$8.50	8.50	8.50

One in a brown cloth bag.

PENNANT TRUE TEMPER, ONE PIECE TUBULAR STEEL, CASTING



Special alloy tubing, in new step down design. Black nickel finish. Brightly polished die cast aluminum offset handle. Double cork grips. Three imitation agate guides and top.

Nos.	TZ-4½	TZ-5
Length, ft.	4½	5
Weight each, ozs.	8	8½
Each	\$9.50	9.50

One in a cloth bag.

PENNANT TRUE TEMPER, ONE PIECE SOLID STEEL, CASTING



One piece solid tip of vanadium alloy steel, electrically heat treated. Speedlock die cast aluminum handle. "Afico" (triple plated cadmium) finish. Three garnix guides and top. Selected double cork grips.

Nos.	XG-4	XG-4½	XG-5
Length, ft.	4	4½	5
Weight each, ozs.	8½	9	9½
Each	\$13.50	13.50	13.50

One in a canvas bag.

TOLEDO TRUE TEMPER, ONE PIECE SOLID STEEL, CASTING



One piece solid vanadium alloy tip of spring steel, electrically heat treated. Speedlock die cast aluminum alloy handle, colored in black Alumilite. Three genuine agate guides and top, carefully matched and hand polished. Extra select double cork grips.

In Canvas Case

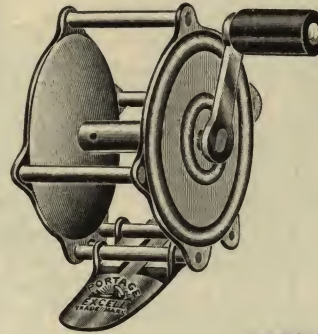
Nos.	XA-4	XA-4½	X-5
Length, ft.	4	4½	5
Weight each, ozs.	8½	9	9½
Each	\$20.00	20.00	20.00

In Elkhide Case

Nos.	A-4	A-4½	A-5
Length, ft.	4	4½	5
Weight each, ozs.	8½	9	9½
Each	\$25.50	25.50	25.50

FISHING REELS

PORTAGE "EXCELL"



Single Action

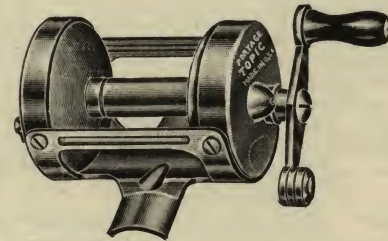
Strongly made frame and spool, stationary click; bright brass, treated to prevent discoloration; black handle.

Each

No. 23—Cap. 60 yds., length of pillar 1 in., 2 inch plates; wt. each 4 ozs..\$0.40

Six in a box.

PORTAGE "TOPIC"



Double Multiplying

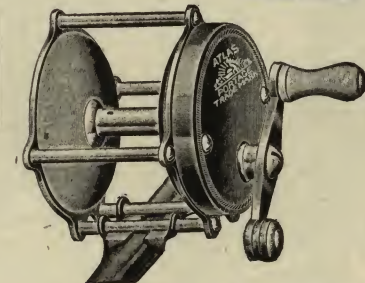
Burnished nickel; adjustable click; balanced crank; rubberoid handle; bushed for bearings.

Oil holes for oiling both front and back pivots.

Each

No. 123—Cap. 60 yds.; 1½ in. pillars; 1½ in. plates; wt. each 4¼ ozs.\$0.80
One in a box.

PORTAGE "ATLAS"



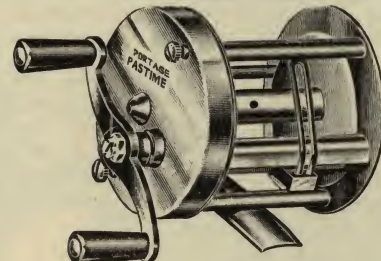
Double Multiplying

Polished nickel; adjustable back sliding click and drag; balanced crank; white celluloid handle.

Nos.	163	164
Cap., yds.	60	80
Pillar, in.	1½	1½
Dia. plate, in..	2¼	2½
Wt. each, ozs..	6½	7
Each	\$1.10	1.20

One in a box, wrapped in anti-tarnish paper.

PORTAGE "PASTIME" LEVEL WINDING



Quadruple Multiplying

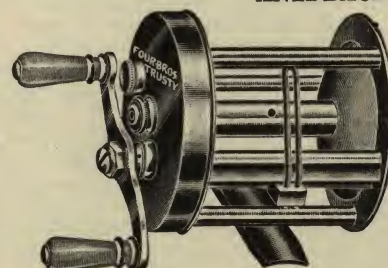
Nickel plated, hardened steel pivots; steel pinion; bushed for bearings with oil holes; adjustable back sliding click; take-apart feature provides for easy cleaning and greasing; substantial level winding mechanism; double handles.

Each

No. 1743—Cap. about 100 yds.; 1½ in. pillars; 2¼ inch plates; wt. each 7½ ozs.\$2.00

One in a box.

FOUR BROS. "TRUSTY" LEVEL WINDING ANTI-BACK-LASH



Quadruple Multiplying

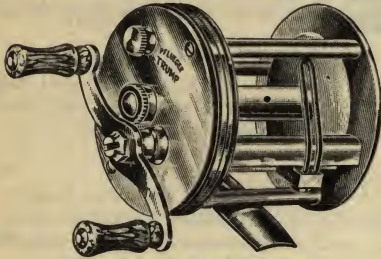
Polished nickel finish; hardened steel pivots; end bearings; bushed for bearings, with oil cups; adjustable back sliding click; steel pinion; anti-back-lash operated by knurled button near edge of front cap; substantial level winding mechanism; double white celluloid handles.

Each

No. 1793—Cap. about 100 yds.; 1½ in. pillars; 2¼ inch plates, wt. each 7½ ozs.\$2.70

One in a box.

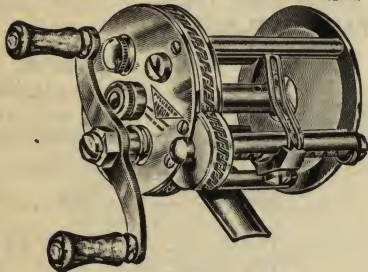
FISHING REELS

PFLUEGER "TRUMP" LEVEL
WINDING ANTI-BACK-LASH

Quadruple Multiplying

Polished Diamolite; jeweled tension oil cups; hardened steel pivots; adjustable back sliding click; steel pinion; fancy balanced crank; two mottled brown pyralin handles; anti-back-lash operated by knurled button near edge of front cap. Level winding mechanism of selected steel, with hardened pawl, and coated with Diamolite. Each

No. 1943—Cap. about 100 yds.; $1\frac{1}{8}$ in. pillars; $2\frac{1}{4}$ in. plates; wt. each $7\frac{1}{2}$ ozs.\$4.00
One in a box.

PFLUEGER "AKRON" LEVEL
WINDING ANTI-BACK-LASH

Quadruple Multiplying

Polished Diamolite finish; phosphor bronze bearings; Diamalloy pivots and gear post; adjustable back sliding click; fancy balanced crank. Green pyralin handles; tension oil cups, each with bearing oil feeder, inset with large genuine agate jewels. Each

No. 1893—Cap. 100 yds.; $1\frac{1}{8}$ in. pillars; 2 in. diam. plates; weight each $8\frac{1}{2}$ ozs.\$6.70

No. 1893L—Same as above but with light weight aluminum alloy spool 7.30

One in a box.

PFLUEGER GEM FLY

Single Action with Line Guard

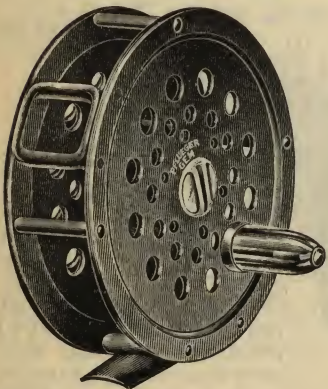
Made of Nickalum extremely light but strong as steel.

Spool quickly and easily removed by a simple but positive latch mechanism operated with one finger—no screws to twist off or become lost.

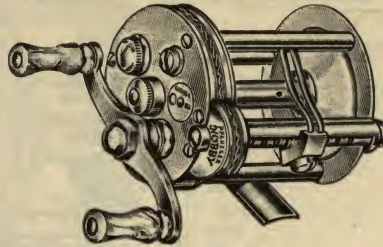
Click mechanism of latest improved design—hardened steel click tongue—smooth in action and built for long wear. Cross-plate of neat and substantial construction—will fit all standard rods.

Right hand line guard for right hand anglers. Reel mounted under rod. Gun metal finish. Each

No. 2094—Cap 45 to 115 yds., $\frac{1}{8}$ in. pillars, $3\frac{1}{4}$ in. diam. plates; weight each 4 ozs.\$4.40
One in a box.



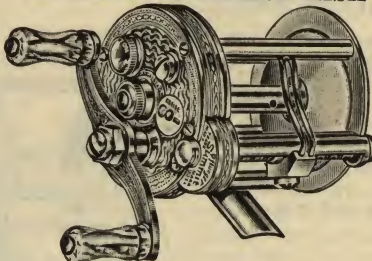
FISHING REELS

PFLUEGER "NOBBY" LEVEL
WINDING ANTI-BACK-LASH

Quadruple Multiplying

Polished Diamolite finish; phosphor bronze bearings; Diamalloy pivots; bronze gear; long bearing tool steel pinion; adjustable back sliding click; genuine scarlet agate jewelled oil cups; fancy balanced crank with two pyralin grips. Each

No. 1963—Cap. 100 yds.; $1\frac{1}{8}$ in. pillars; 2 in. diam. plates; weight each $5\frac{1}{4}$ ozs.\$9.70
One in a box.

PFLUEGER "SUMMIT" LEVEL
WINDING ANTI-BACK-LASH

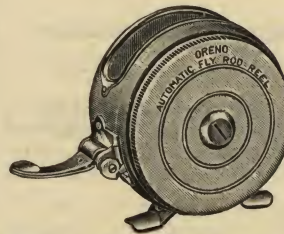
Quadruple Multiplying

Polished Diamolite finish on fancy nickel silver; phosphor bronze bearings; Diamalloy pivots; bronze gear; tool steel pinion; adjustable back sliding click; genuine scarlet agate jewels; fancy balanced crank with two Pyralin mottled grips. Each

No. 1993—Cap. 100 yds.; $1\frac{1}{8}$ in. pillars; 2 in. diam. plates; weight each $8\frac{1}{4}$ ozs.\$12.00

No. 1993L—Same as above but with light weight aluminum alloy spool 12.70

One in a box.



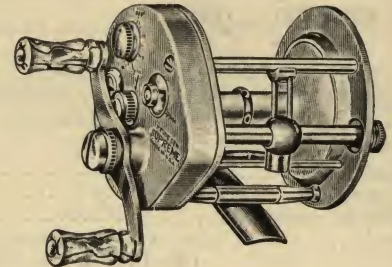
SOUTH BEND AUTOMATIC FLY

Finished in buffed aluminum alloy with attractive head plates; chromium plated line guides; improved brake lever, operated easily without conscious effort by little finger of hand holding rod.

The new "line operated brake" permits free stripping of line at all times and makes possible the use of the finest gossamer leader without fear of the largest fish breaking it.

No. 1130A—Cap. 50 yds. size G line; $2\frac{7}{8}$ in. diam. spool $\frac{5}{8}$ in. width spool; weight each $8\frac{1}{2}$ ozs.\$10.00
One in a box.

FISHING REELS

PFLUEGER "SUPREME" LEVEL
WINDING ANTI-BACK-LASH

Quadruple Multiplying

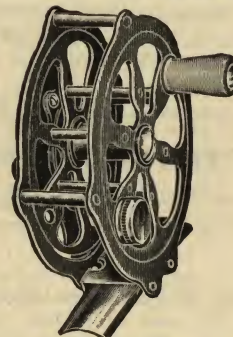
Satin finish Nickalum and polished Diamolite; phosphor bronze bearings; phosphor bronze generated spiral tooth gear; tool steel generated spiral tooth pinion; adjustable back sliding click; balanced crank; pyralin handles, mottled black and pearl.

Complete with cork arbor spool filler, extra pawl, Marvel pocket oiler, Speede reel oil, Runfree gear grease. Little Giant screw driver-wrench. Each

No. 1573—Cap. 115 yds.; $1\frac{1}{8}$ in. pillars; $2\frac{1}{4}$ in. diameter plates; wt. each $7\frac{1}{2}$ ozs.\$33.40

One in a box.

ST. JOE FLY



Single Action

Skeleton type single action fly rod reel with adjustable click.

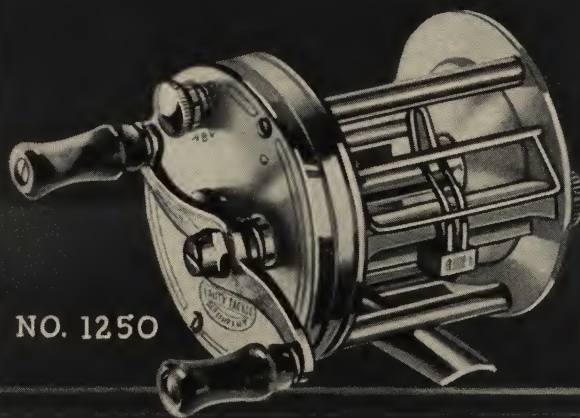
Made of steel with black satiny finish. Each

No. 1170—Cap. 80 yds., diam. $2\frac{1}{4}$ in., width 1 in.; weight each about $3\frac{3}{8}$ ozs.\$1.00

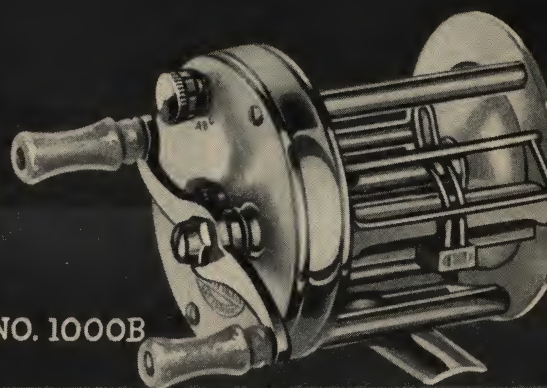
One dozen in a carton.



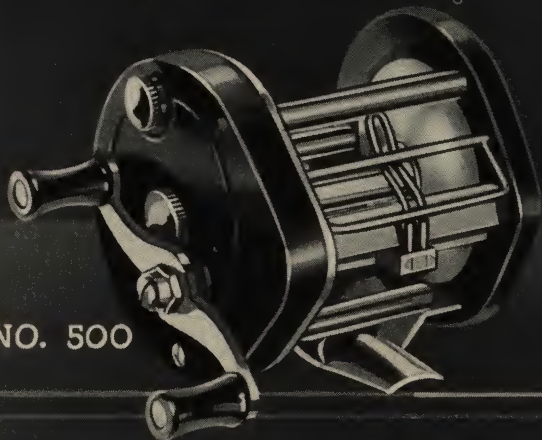
**SOUTH BEND
LEVEL-WINDING
ANTI-BACK-LASH
CASTING REELS**



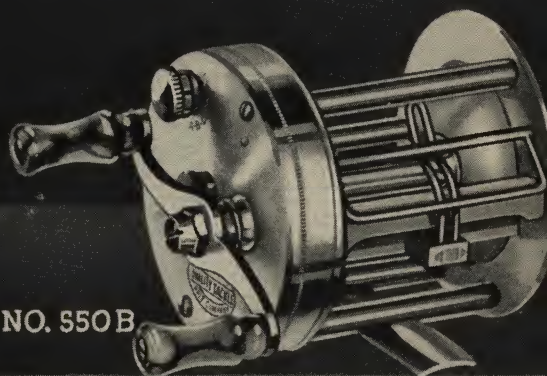
NO. 1250



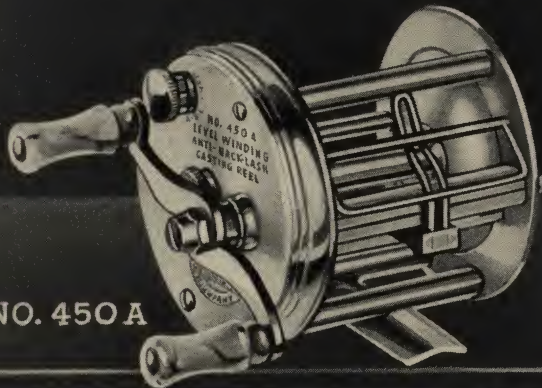
NO. 1000B



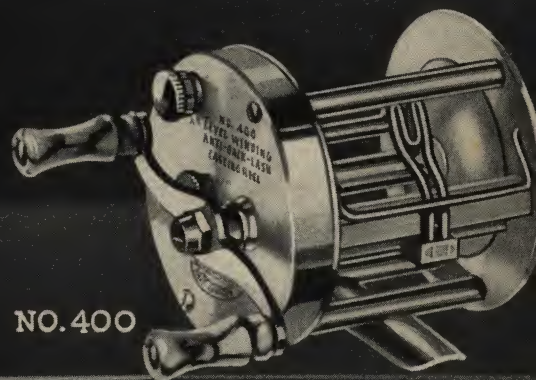
NO. 500



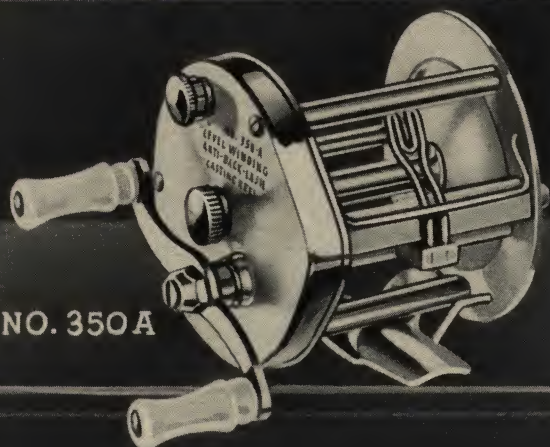
NO. 550B



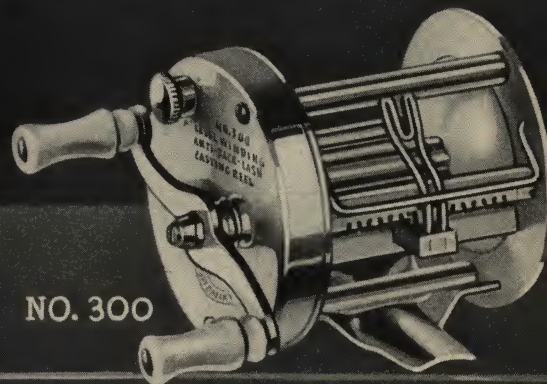
NO. 450A



NO. 400



NO. 350A



NO. 300

RODS—REELS

• • South Bend



Quality Tackle

LINES—LURES

SOUTH BEND LEVEL-WINDING ANTI-BACK-LASH CASTING REELS

No. 1250—This is South Bend's finest reel. Distinctive in appearance, carefully designed, made with precision—results in a level-winding anti-back-lash casting reel that any fisherman will possess with justifiable pride. A special "take-down" device permits easy and quick cleaning and oiling of the level-winding device. New four-way pawl. It is regularly supplied with an aluminum spool, although nickel silver spool, for salt water fishing, will be supplied when desired. Packed in an attractive display box.



No. 550B—One of the most popular reels in the world today. It will out-wear many other reels in the same price class. A special "take-down" device permits easy and quick cleaning and oiling of level-winding device. New four-way pawl. Packed one in a box.

No. 450A—Several noteworthy improvements in the construction of the No. 450A make it an even greater value than heretofore. Wearing parts selected for giving long uninterrupted service. Packed one in a box.

No. 400—A new member of the South Bend level-winding anti-back-lash casting reel family. It is for the angler who wants a reel that will give maximum service by making a minimum investment. Exterior parts chrome plated. Packed one in a box.

No. 1000B—An exceptionally well-constructed reel from the best materials. Designed and manufactured to give many years of smooth-running service. A special "take-down" device permits easy and quick cleaning and oiling of the level-winding device. New four-way pawl. Packed one in a box.

No. 350A—Here is another model that has been greatly improved, both in appearance and construction. Priced for the occasional angler or for the fisherman who wants an "extra" reel for friends. Packed one in a box.

No. 500—Head and tail plates along with crank grips are of glossy, black Bakelite, making this model a favorite with many anglers. Packed one in a box.

No. 300—Another addition to the South Bend line of reels. It is the lowest priced model, possessing both level-winding and anti-back-lash features, ever offered by our company. Packed one in a box.

DETAILED SPECIFICATIONS AND PRICES FOR SOUTH BEND LEVEL-WINDING ANTI-BACK-LASH CASTING REELS

Reel No.	Frame	Bearings and Bushings	Spool Caps	Anti-Back-Lash Bail Wire	Gears	Level-Wind Carriage Screw	Crank	Capacity Measured with Black Oreno	Spool Diam.	Pillar Lgth.	Wgt.	Price
1250	Nickel Silver Chrome	Phosphor Bronze	Agate	Nickel Silver Chrome Plated	Phosphor Bronze Spiral	Nickel Silver Chromed	Mottled Black & White	100 yards 18 lb. Test Line	1½ in.	1¾ in.	8¾ oz.	\$1650
1000B	Brass Chrome Plated	Phosphor Bronze	Jewelled	Nickel Silver Chrome Plated	Phosphor Bronze Spiral	Nickel Silver Chromed	Amber	100 yards 18 lb. Test Line	1½ in.	1¾ in.	9 oz.	\$1000
550B	Brass Chrome Plated	Phosphor Bronze	Jewelled	Nickel Silver Chrome Plated	Phosphor Bronze Spiral	Nickel Silver Chromed	Mottled Black & White	100 yards 18 lb. Test Line	1½ in.	1¾ in.	9 oz.	\$650
500	Black Bakelite	Phosphor Bronze	Brass Nickel Plated	Nickel Silver Chrome Plated	Bronze & Steel	Phosphor Bronze Chromed	Black Bakelite	100 yards 18 lb. Test Line	1½ in.	1¾ in.	7½ oz.	\$600
450A	Brass Chrome Plated	Phosphor Bronze	Jewelled	Nickel Silver Chrome Plated	Hard Brass Spiral	Nickel Silver Chromed	Mottled Cream & Brown	100 yards 18 lb. Test Line	1½ in.	1¾ in.	7½ oz.	\$550
400	Brass Chrome Plated	Phosphor Bronze	Nickel Plated	Nickel Silver Chrome Plated	Hard Brass Spiral	Nickel Silver Chromed	Mottled Red & White	100 yards 18 lb. Test Line	1½ in.	1¾ in.	7¾ oz.	\$450
350A	Brass Chrome Plated	Phosphor Bronze	Nickel Plated	Chrome Plated	Hard Brass Spiral	Nickel Silver Chromed	White	125 yards 18 lb. Test Line	1½ in.	1¾ in.	8½ oz.	\$350
300	Steel Chrome Plated	Hard Brass	Nickel Plated	Chrome Plated	Hard Brass Spiral	Brass Chrome Plated	White	90 yards 18 lb. Test Line	1½ in.	1⅞ in.	7½ oz.	\$250

REEL OIL PFLUEGER "SPEEDE"



Prevents a sticky and jerky action on a fishing reel.

Will not gum or thicken, become rancid or evaporate and is proof against rust.

With Wire Oil Dropper

Per dozen
No. 379—In glass bottles, each bottle contains about $\frac{3}{4}$ of an ounce of oil, cork lined screw cap, with wire oil dropper\$4.00
One-half dozen bottles in a display carton.

ROD VARNISH

SOUTH BEND

Elastic, Waterproof

Specially prepared, under patented formula, for the varnishing of split bamboo rods. Combines waterproofing and elastic qualities in the highest degree.



Per dozen
No. 250—1 oz. bottles; wt. per doz. $2\frac{1}{2}$ lbs. ..\$4.00
One dozen bottles in a carton.

FERRULE CEMENT

SOUTH BEND

Not affected by sun, heat or water. Makes a thoroughly dependable joint which can be loosened by heating, without injuring ferrule or rod. Also used successfully for patching leaks in canoe.



Per dozen sticks
No. 255—In sticks; wt. per dozen $\frac{3}{4}$ lb....\$2.40
One dozen in a box.

FISHING LINE DRESSING PFLUEGER SAHARA



Indispensable for dry fly fisherman. Will float a line perfectly and acts as a preservative. Will not discolor the line and is not sticky—easy to handle. Also very effective for dressing dry flies.

Handy size metal box with chain fastener to prevent loss of cover. Felt pad for applying dressing.

Per box
No. 1290—Wt. per dozen 2 lbs. ..\$4.00
One dozen boxes in a carton.

FISHING LINES "BLACK-ORENO" SILK CASTING



Tight braided, water-proof.

Supreme quality pure Japan silk. Casts easily and will outwear other lines used under same conditions.

Solid black color.

Nos.....	18B	24B	30B
Test, lbs.	18	24	30
Wt. 100 yds., ozs.	$7\frac{1}{4}$	$7\frac{1}{2}$	$7\frac{3}{4}$
Per 100 yards	\$4.50	5.40	6.00

50 yards on a spool, two connected,
100 yards in a box.

"PEACH-ORENO" SILK CASTING



The same high grade line as the Black-Oreno except it is not water-proof.

Salt and pepper color.

Nos.....	12P	16P	20P	25P
Test, lbs.	12	16	20	25
Wt. 100 yds., ozs.	$7\frac{1}{4}$	$7\frac{1}{2}$	8	8
Per 100 yards	\$3.60	4.00	4.70	5.50

50 yards on a spool, two connected,
300 yards (six spools) in a box.

"ANTI-BACK-LASH" SILK CASTING



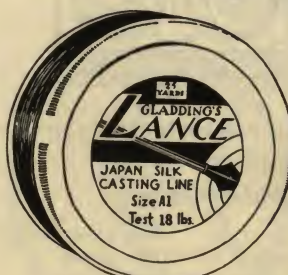
A durable high grade soft braided line, excellent for casting; made from pure Japan silk.

White and black striped lengthwise.

Nos.....	12ABL	19ABL	25ABL
Test, lbs.	12	19	25
Wt. 100 yds., ozs.	$7\frac{1}{4}$	$7\frac{3}{4}$	$8\frac{1}{4}$
Per 100 yds.	\$3.40	4.40	5.20

50 yards on a spool, two connected,
100 yards in a box.

"LANCE SILK" CASTING



Hard braided, water-proof, fine quality Japan silk.

Will meet needs of average caster.

Solid black color.

Per dozen spools
No. 18L—18 lb. test; weight per dozen spools $2\frac{1}{2}$ lbs.\$3.70
25 yards on a spool, twelve connected,
300 yards in a box.

FISHING LINES "ANGLERS DELIGHT" SILK CASTING

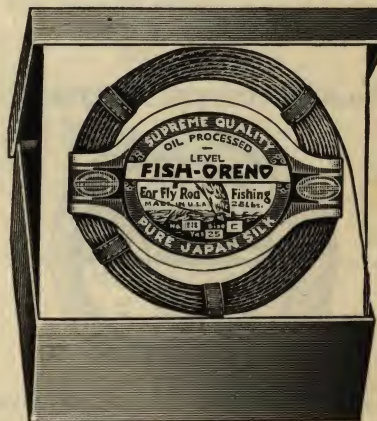


Braided and water-proof.

Made of pure silk. Solid black color. Real quality at a low price.

Per dozen spools
No. G—12 lb. test; weight per dozen spools $1\frac{1}{4}$ lbs.\$4.00
25 yards on a spool, twelve connected,
300 yards in a box.

"FISH-ORENO" SILK FLY LINE



Level

Finished by the "oil curing" method—durable, flexible, smooth and easy to cast. Tobacco brown color.

Nos.	1848	1849	1850
Size	E	D	C
Test, lbs.	28	32	35
Wt. 100 yds., ozs...	$8\frac{1}{2}$	9	$9\frac{1}{2}$
Per 100 yards	\$10.00	12.00	14.75

25 yards in a coil, four connected,
100 yards in a box.

"FLY-ORENO" SILK FLY LINE



Pure braided Japan silk, smooth, soft, durable finish. Vac-U-Drest, impregnated by vacuum pressure process.

Water green shade with black cross-thread pattern.

Nos.	F	E	D
Test, lbs.	24	28	32
Wt. 100 yds., ozs...	5	$5\frac{1}{4}$	$5\frac{1}{2}$
Per 100 yards	\$5.60	6.20	6.70

25 yards in a coil, four connected,
100 yards in a box.

FISHING LINES

"FINE-ORENO" SILK FLY



An assortment of quality silk enameled line. Each assortment contains three very attractive patterns.

Per assortment

No. 2044—Contains four each of three patterns of size G line; wt. per assortment 12½ ozs...\$11.50

One assortment (twelve 25 yard coils connected) in a box.

"SLIGO" CUTTYHUNK LINEN



A splendid line for either salt water or fresh water fishing—rugged and serviceable.

Made of strictly first-class Irish linen stock.

Gray color.

Nos.	9S	12S	15S	18S
Test, lbs.	18	24	30	36
Wt. doz., lbs....	1½	2	2	2
Per doz. spools..	\$6.00	6.70	7.40	8.00

50 yards on a spool, six connected,
300 yards in a box.

"GALWAY" TWISTED LINEN



A fine quality twisted linen made of first quality selected Irish flax.
Plain gray color.

Per dozen cards

No. 3G—24 lb. test; wt. per dozen cards 8 ozs.\$2.40

50 feet on a card, four connected,
one dozen cards in a box.

FISHING LINES

"ELECTRIC" BRAIDED COTTON



A very popular line of extra fine quality Egyptian cotton.

Black and white check pattern.

Per dozen cards

No. 5E—14 lb. test; wt. per dozen cards 6 ozs.\$1.50

50 feet on a card, four connected,
one dozen cards in a box.

"PRIME" COTTON ASSORTMENT



Per assortment

Prime—Consists of one dozen cards as enumerated below, 50 ft. on a card; wt. per assortment 7 ozs.\$1.50

Contents of Assortment

½ dozen—Size No. 5 Silkline, red and green, braided.

½ dozen—Size No. 5 Electric, black and white, braided.

½ dozen—Size No. 24 Linoline, green, twisted, combed Egyptian stock.

One assortment in a box.

"CANE POLE" COTTON ASSORTMENT



An exceptional assortment of values in high grade twisted cotton lines.

Assorted Colors

Per assortment

Cane Pole—Consists of three dozen cards, one dozen each of three colors, white, green and drab, 25 feet on a card; wt. per assortment 12 ozs.\$2.40

One assortment in a box.

FISHING LINES

"BIG VALUE" COTTON ASSORTMENT



An assortment of best quality braided Sea Island cotton lines.

On 50 Foot Spools

Per assortment

No. 15S—Consists of 12 spools, 4 each of three colors, green mottled, black and black and white, 18 lb. test; wt. per assortment 1¼ lbs.\$2.40

One assortment in a box.

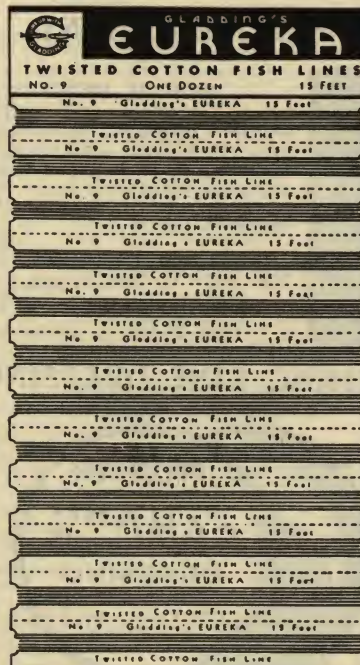
In 60 Foot Hanks

Per assortment

No. 10H—Consists of 24 hanks, 4 each of following; green and mottled 14 and 18 lb. test, green and black 14 and 18 lb. test, black and red 14 lb. test and green and red 14 lb. test; wt. per assortment 7½ lb.\$4.00

One assortment in a box.

"EUREKA" TWISTED COTTON



A high quality twisted cotton line.
Drab color.

Put up in 15-foot lengths on twelve-section perforated winder cards, each section holding one line.

Nos.	2EU	3EU	4EU	5EU
Size	2	3	4	5

Wt. doz. cards,	lbs.	1¼	1½	1¾	2
Per doz. cards..	\$3.60	4.00	4.50	4.80	

One dozen cards in a box.

FISHING LINES

"ELECTRIC" BRAIDED COTTON



A very popular line of high quality combed Egyptian cotton.

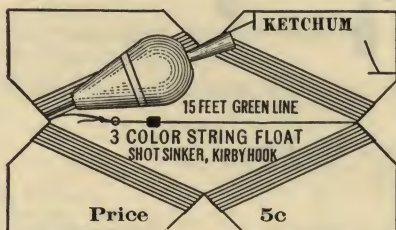
Black and white check pattern.

Put up in 25-foot lengths on twelve-section perforated winder cards, each section holding one line.

Nos.	4EL	5EL	6EL
Size	3	4	5
Wt. doz. cards, lbs. 2½		2	1½
Per dozen cards ..	\$9.00	8.00	8.00

One dozen cards in a box.

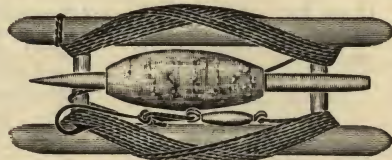
FURNISHED LINES



Attractive card winder, 15 feet of green line, Kirby hook, BB split shot sinker, three-color string float.

No. 141D—Wt. per dozen 8 ozs.\$0.74

Three dozen in a box.



Contains 15 feet of drab line on a yellow winder, BB shot black hook and 1 inch cork ball.

No. 80A—Wt. per dozen 12 ozs.\$1.40

One dozen in a box.

FURNISHED LINES



Contains 15 feet of line on a winder, ringed sinker, black hook, 2¼ inch natural fancy barrel float.

No. S86—Wt. per dozen 12 ozs.\$3.00
One dozen in a box.

"BEATS ALL" ASSORTMENT



Each line on a wood winder, complete with hook, float and sinker.

Beats-All—Consists of one dozen furnished lines, assorted egg and barrel floats, olive drab and green lines; mounted in a 13x 17½ in. easel back display card; wt. per assortment 1 lb.\$1.60
One assortment in a box.

GUT LEADERS

ST. JOE



Single Gut

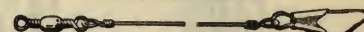
Genuine silk worm gut of selected medium weight, mist color, two knots to every yard looped at each end, stretched, tested and inspected.

Nos.	151	152
Length, yds.	1	2
Per dozen	\$1.35	2.70

Weight per carton ½ pound.
One on a card, one dozen in a carton.

WIRE LEADERS

SOUTH BEND



Phosphor Bronze Piano Wire

Snap at one end and barrel swivel at other.

No. 281B—Length 6 in., No. 3 snap, No. 7 swivel; wt. per carton ½ lb.\$0.35
One on a card, six cards connected, three dozen in a carton.



Rustproof, Flexible Cable Wire

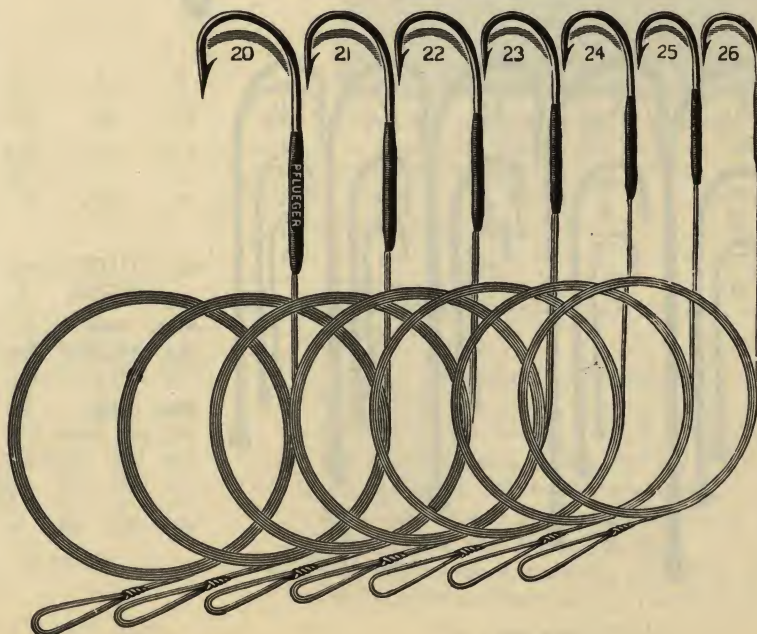
Snap at one end and barrel swivel at other.

Nos.	201	202	208
Length, in.	6	9	12
Snap, No.	3	3	4
Swivel No.	7	7	3
Wt. dozen, lbs.	1¼	2	3
Per dozen	\$0.40	.45	.60

One on a cord, twelve cards connected, One dozen in a container.

SNELLED FISH HOOKS

CINCINNATI BASS



No. 2X—Pelican quality, spear point hook coated with water proof varnish, mist color double gut.

Size, Nos.	Gr., Lbs.	Per Doz.
24	1½	\$0.50
23	1½	.50
22	1½	.50
21	1½	.50
20	1½	.50
19	1½	.50
18	1¼	.50

One-half dozen in a paper wrapper, one gross in a box.

RINGED FISH HOOKS



Actual Size Cuts.

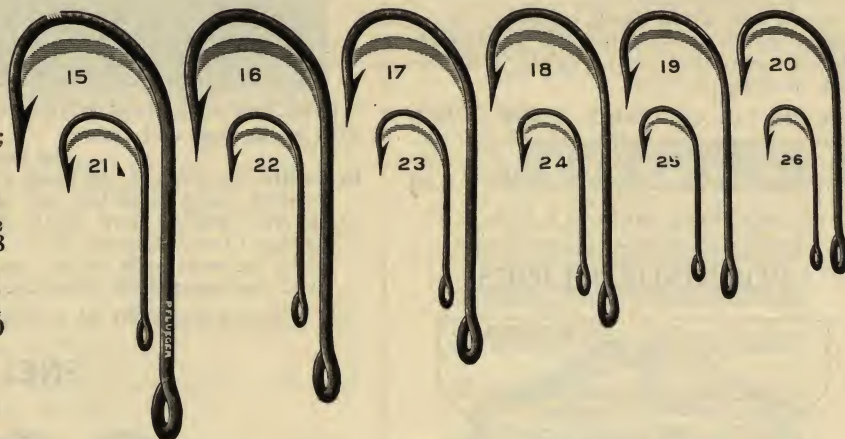
CINCINNATI BASS

No. 3421BT—Best spring steel; uniform tempered; filed point; bright, rust proof.

Size, Nos.	25	24	23	22	21	20
Wt. per 1000, lbs. ...	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$
Per 100	\$0.18	.18	.18	.18	.24	.28

Size, Nos.	19	18	17	16	15
Wt. per 1000, lbs.	$1\frac{3}{4}$	2	$2\frac{3}{4}$	$3\frac{1}{2}$	$4\frac{1}{4}$
Per 100	\$0.36	.42	.50	.58	.80

100 in a box, 1000 in a carton.



Actual Size Cuts.



Actual Size Cuts.

KIRBY

No. 3221J—Best spring steel; uniform tempered; filed point; japanned.

Size, Nos.	12 to 1	1/0	2/0
Wt. 1000, lbs.	$\frac{1}{8}$ to $\frac{3}{4}$	1	$1\frac{1}{2}$
Per 100	\$0.20	.20	.22

Size, Nos.	3/0	4/0	5/0
Wt. 1000, lbs.	$1\frac{1}{2}$	2	$2\frac{1}{2}$
Per 100	\$0.25	.32	.38

Size, Nos.	6/0	7/0	8/0
Wt. 1000, lbs.	$3\frac{3}{4}$	$4\frac{7}{8}$	$6\frac{3}{4}$
Per 100	\$0.50	.58	.80

Size, Nos.	9/0	10/0
Wt. 1000, lbs.	10	12
Per 100	\$1.15	1.60

MILWARD'S KIRBY, "IRON ARM" BRAND

No. 1939—English steel; uniform temper, spear point, large eyes, japanned.

Size, Nos.	1/0	2/0	3/0
Wt. 1000, lbs.	1	$1\frac{1}{8}$	$1\frac{1}{2}$
Per 100	\$0.52	.60	.70

Size, Nos.	4/0	5/0
Wt. 1000, lbs.	2	$2\frac{1}{2}$
Per 100	\$0.90	1.10

100 in a box, 1000 in a package.

CARLISLE

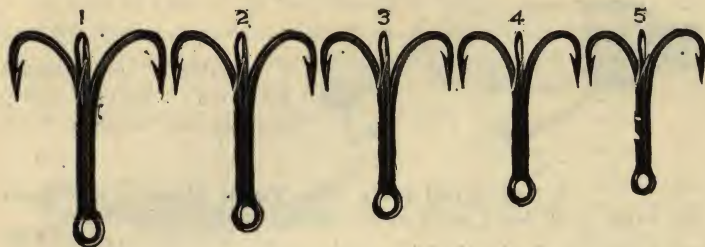
No. 3321BR—Best spring steel; uniform tempered; filed point, bronzed.

Size, Nos.	12 to 1	1/0	2/0	3/0	4/0
Wt. per 1000, lbs.	$\frac{1}{8}$ to $\frac{3}{4}$	1	$1\frac{1}{8}$	$1\frac{1}{2}$	2
Per 100	\$0.22	.28	.32	.40	.44

Size, Nos.	5/0	6/0	7/0	8/0
Wt. per 1000, lbs.	$2\frac{1}{2}$	$3\frac{3}{4}$	$4\frac{7}{8}$	$6\frac{3}{4}$
Per 100	\$0.50	.56	.68	.86

100 in a box, 1000 in a carton.

TREBLE FISH HOOKS
PFLUEGER RINGED



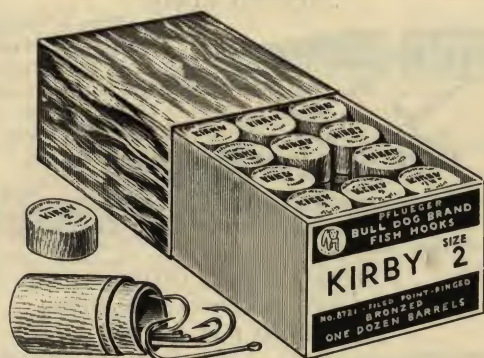
No. 7431BR—Best spring steel; uniform tempered; filed points; bronzed.

Size, Nos.	6	5	4	3	2	1
Length, in.	1 $\frac{1}{8}$	$\frac{7}{8}$	1 $\frac{1}{8}$	1	1 $\frac{1}{8}$	1 $\frac{1}{8}$
Wt. per box, ozs.	$\frac{3}{4}$	$\frac{7}{8}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$
Per dozen	\$0.75	.75	.75	.75	.75	.75

Size, Nos.	1/0	2/0	4/0	6/0	8/0
Length, in.	1 $\frac{1}{8}$	1 $\frac{3}{8}$	1 $\frac{1}{2}$	2 $\frac{1}{8}$	2 $\frac{3}{8}$
Wt. per box, ozs.	2 $\frac{1}{8}$	2 $\frac{3}{4}$	4 $\frac{3}{8}$	7 $\frac{7}{8}$	7 $\frac{3}{4}$
Per dozen	\$0.80	1.20	1.20	1.50	3.50

Sizes 6 to 6/0, three dozen; size 8/0, two dozen in a box.

RINGED FISH HOOKS
PFLUEGER BULL DOG BRAND—IN BARRELS



The three most popular patterns, sizes as listed below, put up in handy wooden barrels.

Saves time and avoids bother of counting out and figuring cost.

No. 8721—Kirby, Bronzed

Size, Nos.	12	10	8	6	4
Hooks per barrel	10	10	10	10	10
Per dozen barrels	\$0.48	.48	.48	.48	.48
Size, Nos.	2	1	2/0	4/0	6/0
Hooks per barrel	10	10	10	5	5
Per dozen barrels	\$0.48	.48	.70	.88	.96

No. 8921—Carlisle, Bronzed

Size, Nos.	16	12	8	6	4
Hooks per barrel	10	10	10	10	10
Per dozen barrels	\$0.60	.60	.60	.60	.60
Size, Nos.	2	1	2/0	4/0	5/0
Hooks per barrel	10	10	10	5	5
Per dozen barrels	\$0.60	.60	.80	.90	.96

No. 9021—Cincinnati Bass, Bright, Rustproof

Size, Nos.	26	25	23	21	19	18	17
Hooks per barrel	10	10	10	10	10	5	5
Per dozen barrels	\$0.48	.48	.48	.64	.80	.88	.90

Average weight per dozen barrels 1 pound.

One dozen barrels in a carton.

Note—When ordering, specify style number and size of hook.

FISH HOOK ASSORTMENTS
PFLUEGER HANDE-PAK, RINGED



A convenient size handy metal container, holding an assortment of ringed fish hooks in sizes and patterns best adapted for general fishing purposes. Rust-proof, tinned and blued finishes.

Pflueger fish hooks are recognized as standard of the world for accuracy of pattern, uniformity of temper and excellence of finish.

In Round Metal Box

No. 4005—Contains 50 filed point ringed hooks as enumerated below; wt. per dozen assortments 1 lb.\$0.16

Contents of Assortment:

Qty.	No.	Pattern	Size	Finish
10	3321B	Carlisle	7	Blued
10	3321Br	Carlisle	2	Bronzed
10	3221Br	Kirby	6	Bronzed
10	3221T	Kirby	1/0	Tinned
10	3121Br	Limerick	3/0	Bronzed

One dozen assortments in a box.

PFLUEGER BEDROCK, RINGED



This assortment contains 2000 of the best selling patterns and sizes of filed point ringed fish hooks as enumerated below. Almost every need is supplied at a small investment and in a condensed way.

Put up in a strong hinged cover box, size 10 $\frac{1}{2}$ x8 $\frac{3}{4}$ in.

No. 4002—Weight per assortment 2 $\frac{1}{4}$ lbs.\$4.70

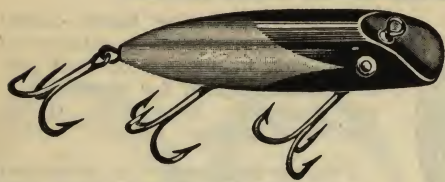
Contents of Assortment

- 700 Kirby fish hooks, size 1/0 to 10.
- 200 Kirby fish hooks, size 3/0 to 6/0.
- 550 Limerick fish hooks, size 2/0 to 10.
- 50 Limerick fish hooks, size 3/0.
- 250 Carlisle fish hooks, size 2/0 to 7.
- 50 Carlisle fish hooks, size 3/0.
- 150 Cincinnati Bass hooks, size 20 to 25.
- 50 Cincinnati Bass hooks, size 18.

One assortment in a carton.

MINNOWS

SOUTH BEND ORIGINAL BASS-ORENO



Wobbler type, used for casting or trolling. Has a wonderful erratic action, irresistible to game fish. In motion it dives, dashes, darts, and wiggles much like an injured

fish. Not in motion it floats.

While primarily designed for all species of fresh-water fish, it has also proven effective for salt-water species such as Striped Bass, Channel Bass, Roballo, etc.

3¾ Inch Wood Body, Three Treble Hooks

	Per dozen
No. 973RW—Red arrowhead with white body	\$12.00
No. 973BW—Black arrowhead with white body	12.00
No. 973RY—Red arrowhead with yellow body	12.00
No. 973RH—Red head with white body	12.00
No. 973W—White body, with red and green decorations...	12.00
No. 973R—Solid red color, with black nose	12.00
No. 973F—Imitation frog color	12.00
No. 973Rain—Rainbow color	12.00
No. 973LUM—Nite-luming finish	12.00
No. 973SF—Scale finish, green	12.00
No. 973YP—Yellow perch scale finish	12.00

Weight per dozen 1½ pounds.

SOUTH BEND BABE-ORENO

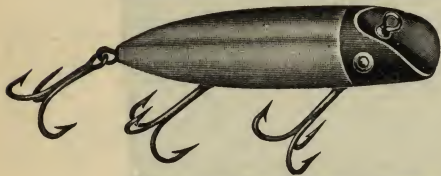


Constructed along same lines as Bass-Oreno, only in a smaller size. Ideal for light, whippy rods and light lines. Action is zig-zag and most alluring.

2¾ Inch Wood Body, Two Treble Hooks

	Per dozen
No. 972RH—Red head with white body; weight per dozen 1¼ lbs.	\$10.40

BEST-O-LUCK STANDARD WOBBLER



A standard grooved head wobbler with an irresistible diving and wiggling swimming motion.

3¾ Inch Wood Body, Three Treble Hooks

	Per dozen
No. 943RH—Red head with white body; wt. each ⅝ oz....	\$7.35

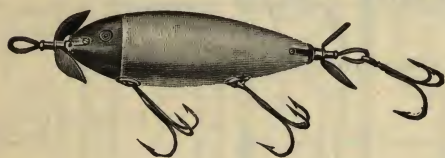
BEST-O-LUCK BABY WOBBLER

A small grooved head wobbler with an irresistible diving and wiggling swimming motion.

2¾ Inch Wood Body, Two Treble Hooks

	Per dozen
No. 942RH—Red head with white body; weight each ½ oz.	\$6.00

SOUTH BEND SURF-ORENO



Especially effective with Bass and Muskie. Floats at all times, riding high in water. Stainless steel spinners at head and tail create a churning commotion which is a great game attraction. Made of special light wood.

3¾ Inch Wood Body, Three Treble Hooks

	Per dozen
No. 963RH—Red head with white body; wt. per dozen 1¼ lbs.	\$16.00

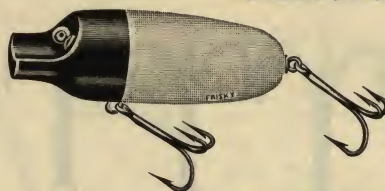
SOUTH BEND MIDGET SURF-ORENO

Same general design and construction as the Surf-Oreno except smaller in size for use with lighter rods.

2¾ Inch Wood Body, Two Treble Hooks

	Per dozen
No. 962RH—Red head with white body; weight per dozen 1½ lbs.	\$16.00

All above, one in a box, one dozen in a carton.

MINNOWS
PORTAGE FRISKY

A minnow of unusual action; floats, dives, wiggles and wobbles.

3 Inch Wood Body, Two Treble Hooks Per dozen

No. 8496—Red head with white body; weight per dozen 1½ lbs.	\$4.00
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One in a cellophane envelope, one dozen in a carton.

CREEK CHUB FAMOUS PIKIE



Closely imitates the pike minnow in shape, color and movement. Its big wiggle and unique shape make it a great bass killer. It's a

near surface wiggler but can be converted into a surface spatterer by loosening the screw eye and reversing the mouth piece.

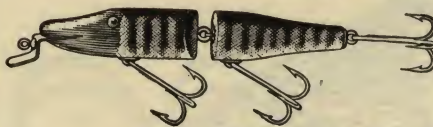
4½ In. Slim Wood Body, Three Treble Hooks

	Per dozen
No. 700—Natural pikie, scale finish	\$16.00
No. 701—Natural perch, scale finish	16.00
No. 702—White, red head	16.00

Weight each ¾ ounce.

One in a box, one dozen in a carton.

JOINTED PIKIE



Has a beautiful wiggling movement; flexible and sinuous, which makes it a still better fish getter than the famous Pike No. 700.

4¼ In. Wood Body, Three Treble Hooks

	Per dozen
No. 2600—Natural pikie, scale finish	\$20.00
No. 2601—Natural perch, scale finish	20.00
No. 2602—White, red head	20.00

Weight each ¾ ounce.

One in a box, one dozen in a carton.

PFLUEGER PAL-O-MINE

Regular



A wonderful fish getter. Designed with a metal plane having abundance of strength, not easily bent out of

shape, giving the body a sharp, snappy wriggling action, confined to the line of travel so that fish does not miss the minnow when striking it. Will float when not in motion. Body of selected cedar, heavily coated with elastic enamels. Bright tin plated hooks attached with patented hook fastener which prevents hooks becoming entangled. Figure eight connecting link facilitates attaching line and permits free action of minnow.

3¾ Inch Wood Body, Two Treble Hooks

	Per dozen
No. 5004—Natural pike, scale finish	\$11.50
No. 5006—Natural perch, scale finish	11.50
No. 5037—White enamel, red head—silver sparks	11.50

Weight each ½ ounce.

One in a box, one-half dozen in a carton.

Jointed



Same as above except jointed for the angler who prefers the jointed construction.

3¾ Inch Wood Body, Two Treble Hooks

	Per dozen
No. 9004—Natural pike, scale finish	\$14.00
No. 9006—Natural perch, scale finish	14.00
No. 9037—White enamel, red head—silver sparks	14.00

Weight each ⅝ ounces.

One in a box, one-half dozen in a carton.

MINNOWS

SOUTH BEND TRIX-ORENO

Allowed to sink of its own accord it flutters like a living bug and the slightest movement of the rod causes it to dip, dive and dart about like a swimming minnow. It is ideal for early season use when fish are feeding on underwater life and is especially good on hot sultry days when the fish are in deep water.



Fly Rod Size

For trout, crappies, blue gills, perch and the smaller varieties of game fish. Has a ting bangle to give extra "flash." Unusually light and can be handled easily on a fly rod with less strain than caused by a spinner.

Body 1½ In. Long, 3/16 In. Wide; No. 6 Hook

No. 593RH—Red head with white body\$10.40
No. 593CH—Silvery chromium 10.40

Weight per dozen 1¼ pounds.

One on a card, in cellophane envelope, one dozen in carton.



Fly Rod Size

For bass and other game fish. Supplied with strip of rubber pork rind. Unusually light and can be handled easily on a fly rod with less strain than caused by a spinner.

Body 1½ In. Long, ¼ In. Wide; No. 1 Hook

No. 594RH—Red head with white body\$10.40
No. 594CH—Silvery chromium 10.40

Weight per dozen 1¼ pounds.

One on a card, in cellophane envelope, one dozen in carton.



Bait Casting Size

For casting or trolling. Depth at which this bait travels can be regulated by speed at which it is retrieved. Bass pike, muskies, pickerel, and practically all fresh water game fish as well as smaller salt water species have fallen victims of the erratic actions of this bait. The "flashy" bangle adds an extra enticement.

Body 2¼ In. Long, 9/16 in. Wide; No. 4/0 Hook

No. 595RH—Red head with white body\$13.60
No. 595CH—Silvery chromium 13.60
No. 595PL—Iridescent pearl 13.60

Weight per dozen 1½ pounds.

One in a box, one-half dozen in a display carton.

TRIX-ORENO ASSORTMENT

An assortment of Trix-Orenos as described above.

Per assortment

No. 394C—Consists of six each No. 594 bass size and No. 593 trout size in finishes enumerated below; wt. per assortment 1¼ lbs.\$10.40

Contents of Assortment

- 1—594RH and 593RH—Red head, white body.
- 1—594CH and 593CH—Silvery chromium.
- 1—594Y and 593Y—Red head, yellow body.
- 1—594PL and 593PL—Iridescent pearl.
- 1—594G and 593G—24-karat gold.
- 1—594B and 593B—White head, black body.



One assortment in a box.

CASTING SPOONS

BEST-O-LUCK



The ever-popular metal wobbler with a reputation as a fish getter.

Fly Rod Size

1¼ In. Long, One Double Hook No. 9 Per dozen

No. 577RW—Red and white stripe, nickeled back\$4.00
No. 577BW—Black and white strip, nickeled back 4.00

Bait Casting or Trolling Size

2¼ In. Long, One Double Hook No. 4 Per dozen

No. 579RW—Red and white stripe, nickeled back\$4.80
No. 579BW—Black and white stripe, nickeled back 4.80

Weight each ¾ ounce.

2¾ In. Long, One Treble Hook No. 1 Per dozen

No. 580RW—Red and white stripe, nickeled back\$4.80
No. 580BW—Black and white stripe, nickeled back 4.80

Weight each ¾ ounce.

3½ In. Long, One Treble Hook No. 1-0 Per dozen

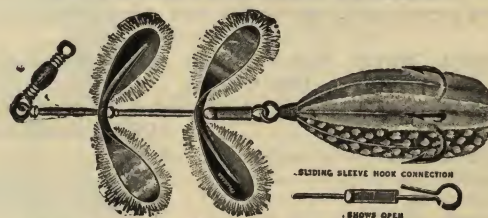
No. 581RW—Red and white stripe, nickeled back\$4.80
No. 581BW—Black and white stripe, nickeled back 4.80

Weight each 1 ounce.

All above, one on a card, one dozen in a box.

SPINNING BAITS

PFLUEGER LUMINOUS TANDEM



With Carefully Feathered Treble Hook

Suitable for trolling or casting. Spinners mounted to revolve in opposite directions. Improved sliding sleeve hook connection. Bright tin plated treble hook.

Original and distinctive in design, effective in operation and very popular. A great killer for deep or roily waters and cloudy days.

No. 1998—Top of Blades Polished Nickel, Under Blades Luminous

Size Nos.	3/0	2/0	1/0	1
Length blades, in.	3½	1½	1½	1½
Width blades, in.	¼	⅝	¾	¾
Hook size, Nos.	10	6	3	1/0
Weight dozen, ozs.	3¾	4½	9	10
Each	\$.50	.54	.60	.70

One on a card, one dozen in a box.

FOUR BROS. FLUTED SPOON



With Treble Hook

Properly shaped blade, mounted on spring brass wire shaft with flat reversible hinge lug; snap loop at each end, brass barrel swivel; assorted water fowl feathers.

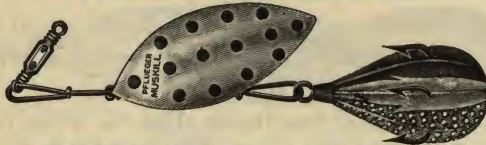
No. 110—Polished Nickel Convex, Red and Satin Nickel Concave

Size, Nos.	3	4	4½	4¾	5
Length blade, in.	1½	1½	1½	1½	2½
Width blade, in.	¾	¾	¾	¾	1½
Hook size, Nos.	4	2	1	1/0	2/0
Wt. per dozen, ozs.	2¾	4¼	4¾	5½	7
Each	\$.22	.25	.25	.25	.30

One dozen in a box, individually tissue wrapped.

SPINNING BAITS

PFLUEGER MUSKILL SPOON



No. 2463—Polished Near-Gold Convex, Red and Satin Near-Gold Concave.

Mounted on extra strong spring brass wire shaft, with snap loops; brass box swivel; bright tin plated treble hooks with a liberal assortment of fancy feathers.

Built for great strains; for muskellunge, northern pike, pickerel and other game fish.

Size, No.	9
Blade, in.	3 3/4
Hook, No.	7/0
Wt. per dozen, lbs.	1 1/2
Each	\$0.80

One on a card, one dozen in a carton.

SOUTH BEND JUNE BUG



Red glass and brass beads on wire shank.

Suitable for casting, trolling, "spotting" etc.—for bass, pike, pickerel, wall-eyed pike, blue gills and other fresh-water game fish.

Highly Buffed, Mirror Nickel Finish and Genuine Gold Nose Tip, Convex

Gold Concave with Red Enamelled Underwings

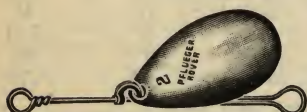
Nos.	21N	22N	25N
Length wire leader, in.	1 1/2	2	3
Length spinner, in.	5/8	1 1/8	1 1/2
Width spinner, in.	3/8	1/2	3/4
Wt. per dozen, lbs.	1/4	1/2	3/4
Per dozen	\$1.70	2.00	2.00

Hammered Brass Blade

Nos.	19HB	20HB
Length wire leader, in.	1 1/2	2
Length spinner, in.	5/8	1 1/8
Width spinner, in.	3/8	1/2
Wt. per dozen, lbs.	1/4	1/2
Per dozen	\$1.70	2.15

One on a card, one dozen in a carton.

ROVER



Without Hook or Flies

Mounted on piano wire shaft with folded hinge lug and parallel snap loop hook connection formed with a spring locking tension so that fly or hook can be attached conveniently and without any possibility of opening the casting.

Spinners are treated to prevent discoloration.

No. 1094—Single Blade, Polished Nickel Both Sides

Size Spinner, Nos.	1/0	1	2	3
Length blade, in.	3/2	4 1/4	1 1/8	1 1/2
Width blade, in.	3/2	3 3/4	3 1/4	3 1/2
Weight per dozen, ozs.	1 3/8	1 1/2	1 3/4	2 1/8
Per dozen	\$1.50	1.50	1.50	1.70

One on a card, one dozen in a box.



No. 1155—Double Blades, Polished Nickel Both Sides

Size Spinner, Nos.	1	2	3
Length blade, in.	4 1/4	1 1/8	1 1/2
Width blade, in.	3 3/4	3 1/4	3 1/2
Weight per dozen, ozs.	1 3/4	2 1/8	4
Per dozen	\$2.20	2.20	2.60

One on a card, one dozen in a box.

FLY SPINNER ASSORTMENTS

PFLUEGER "PILOT"



Mounted with famous Tandem Spinner blades and do wonderful work with trout or bass. Cast with either fly or bait casting rod.

Each assortment contains one each of the following patterns, polished nickel both sides of blade:

Black Gnat	Montreal
Brown Hackle, Peacock Body	Professor
Coachman	Red Ibis
Gray Hackle, Peacock Body	Royal Coachman
Grizzly King	McGinty
Yellow Sally	White Miller

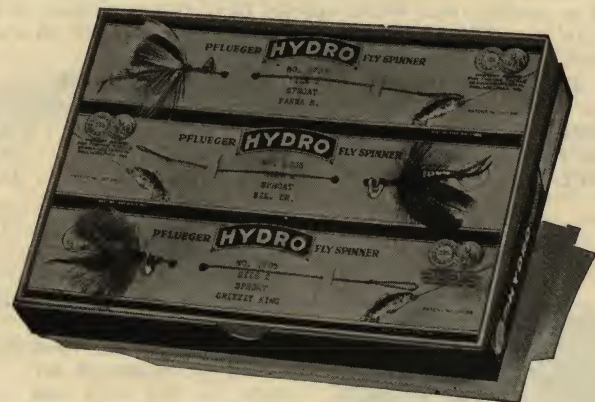
Per assortment

No. 1827—Trout, hook size 4, spinner size 3/0; weight per assortment 2 1/2 lbs. \$3.40

No. 1829—Bass, hook size 1/0, spinner size 2/0; weight per assortment 2 5/8 lbs. 4.00

One assortment in a box.

PFLUEGER "HYDRO"



The Hydro is a distinctive combination of fly and an aluminum spinner of extreme lightness. Adds a flutter to the fly that is irresistible. Spins freely, offers no air resistance in casting, and does not drag when lifting fly from water.

Flies are tied on hollow point hooks of very best materials with gut snells carefully selected for quality and proper size.

Each assortment contains one each of the following patterns:

Black Gnat	Professor
Brown Hackle, Peacock Body	Red Ibis
Parmacheene Belle	Silver Doctor
Gray Hackle, Peacock Body	Royal Coachman
Grizzly King	White Miller
Montreal	Yellow Sally

Per assortment

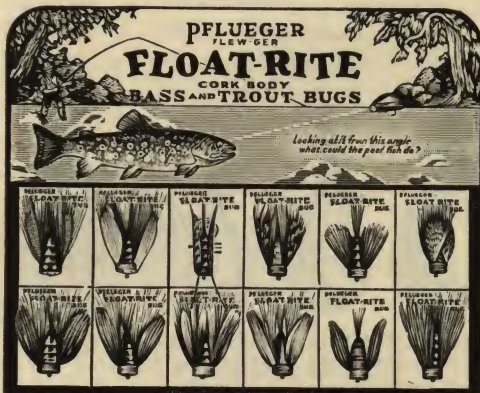
No. 1707—Trout, size 8; wt. per assortment 2 3/8 lbs. \$2.40

No. 1711—Bass, size 2; wt. per assortment 2 1/2 lbs. 3.20

Each spinner on attractive display card, one dozen in a box.

TROUT AND BASS FLY ASSORTMENTS

PFLUEGER FLOAT-RITE



Mounted on best quality hollow point sproat hook, pennell turned down eye.

Cork body firmly attached. Water proofed and decorated in natural colors.

Flies are true to standard patterns.

A flyrod lure for bass, trout, perch, blue gills, crappies, rock bass and other game fish.

No. 1443—Trout, size 10; consists of 12 flies, one each of patterns listed below; wt. per assortment $5\frac{1}{4}$ ozs.\$4.70

Patterns Contained in No. 1443 Assortment

Royal Coachman	Grey Hackle	Professor
Silver Doctor	Cow Dung	Bee Fly
Cahill	Yellow Sally	Cricket
Parmacheene Belle	Brown Hackle	Grasshopper

One assortment in a box.

No. 1445—Bass, size 2; consists of 12 flies, one each of patterns listed below; wt. per assortment $5\frac{1}{2}$ ozs.\$6.70

Patterns Contained in No. 1445 Assortment

Royal Coachman	Grey Hackle	Professor
Silver Doctor	Cow Dung	Bee Fly
Cahill	Yellow Sally	Red Ibis
Parmacheene Belle	Brown Hackle	Grasshopper

One assortment in a box.

PFLUEGER TROUT AND BASS



Mounted on sneck hooks, tied with silk bodies.

The patterns are not only true to standard but they also have strength and everything that goes to make a dependable fly.

No. 4057—Trout, size 8; consists of 12 flies, one each of patterns listed below; wt. per assortment 3 ozs.\$1.90

Patterns Contained in No. 4057 Assortment

Brown Hackle	White Miller	Parmacheene Belle
Queen of Water	Red Ibis	Royal Coachman
Professor	Silver Doctor	Grey Hackle
Black Gnat	Grizzly King	Coachman

One assortment in a box.

No. 4059—Bass, size 2; consists of 12 flies, one each of patterns listed below; wt. per assortment $3\frac{3}{8}$ ozs.\$2.80

Patterns Contained in No. 4059 Assortment

Professor	Cow Dung	Silver Doctor
Montreal	Brown Hackle	Red Ibis
Parmacheene Belle	Black Gnat	Cahill
Royal Coachman	Reuben Wood	Seth Green

One assortment in a box.

PORK RIND STRIPS

ORENO



Dry

A convenient and economical pork rind. Becomes white and pliable after soaked and used a few minutes.

Economical because it can be dried and used several times.

Packed in a celluloid box.

Per dozen boxes

No. 1261—Fly rod size, $1\frac{3}{4}$ in. long, $\frac{3}{8}$ in. wide, 24 strips in a box...\$5.60

No. 1262—Bass size, $4\frac{3}{8}$ in. long, $\frac{1}{2}$ in. wide, 12 strips in a box 5.60

Weight per container $\frac{1}{2}$ pound.

One dozen boxes in a carton.



Wet

New greaseless pork rind. Each rind has small slits for attaching to any hook. Packed in liquid in leak proof jars with easily removable lids.

Per dozen jars

No. 261—Fly rod size, $1\frac{3}{4}$ in. long, $\frac{3}{8}$ in. wide, 24 strips in a jar...\$5.60

No. 262—Bass size, $4\frac{3}{8}$ in. long, $\frac{1}{2}$ in. wide, 12 strips in a jar.... 5.60

Weight per container $3\frac{1}{2}$ pounds.

One dozen jars in a container

LEAD SINKERS

PFLUEGER KEEL

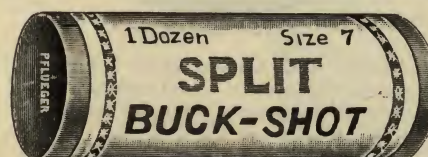


A combination of sinker and connecting link.

Just the proper weight for casting—will hold, right side up, any bait, either natural or artificial, to which it is attached, and will positively prevent line from kinking or twisting when casting or trolling. Makes an excellent connecting link. Furnished with brass barrel swivels.

No. 807— $2\frac{7}{8}$ in. long; weight each $\frac{1}{4}$ oz.\$0.80
One dozen in a strong cloth reinforced carton.

PFLUEGER SPLIT SHOT



Best selected shot, perfectly split with a slot sufficiently wide and deep to take the fish line properly.

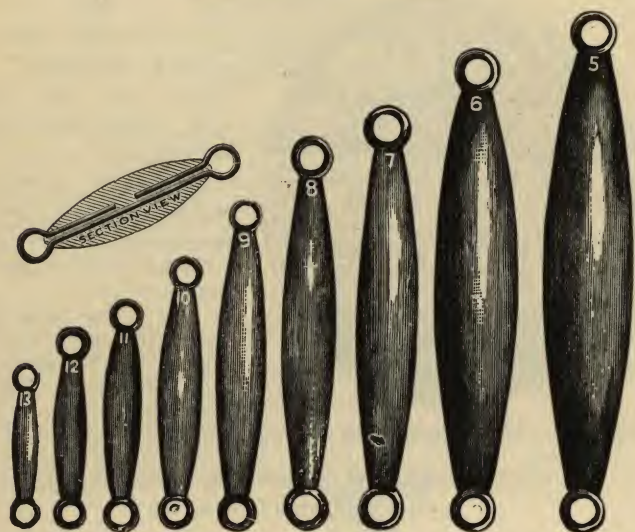
Per dozen boxes

No. 1810-6—Size 6 buck shot; 12 shot in a wood box; wt. per carton $16\frac{1}{4}$ ozs.\$0.65

No. 1810-4—Size 4 buck shot; 12 shot in a wood box; wt. per carton 20 ozs.80

One dozen boxes in a carton.

LEAD SINKERS PFLUEGER RINGED



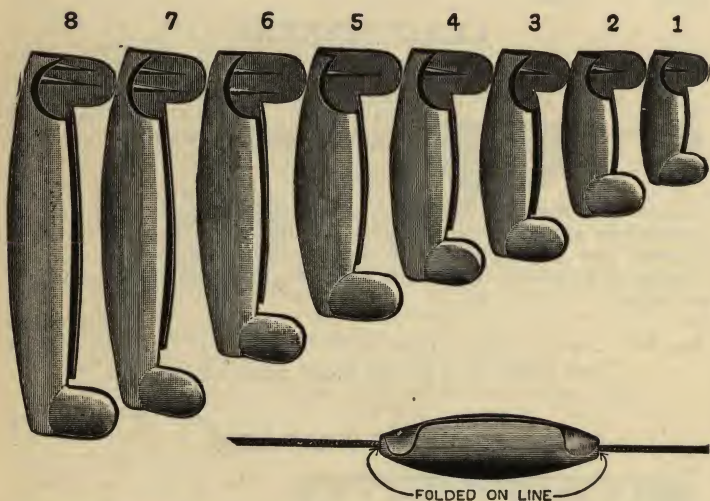
No. 803—Standard size, full weight and perfectly cast; strong rust proof brass wire rings, formed in one continuous piece.

Size, Nos.	1/0	1	2	3	4	5	6
Length, in.	3 1/8	3 1/8	3 1/8	2 7/8	2 3/4	2 1 1/8	2 1/2
Weight each, ozs.	4 1/8	3 1/8	2 7/8	2 1/8	1 1/2	1 1/4	1 1/8
Per dozen	\$2.40	1.60	1.20	.90	.70	.60	.40

Size, Nos.	7	8	9	10	11	12
Length, in.	2 1/8	2	1 11/8	1 7/8	1 3/8	1
Weight each, ozs.	1 1/8	1 1/8	1 1/8	3/8	1/8	1/8
Per dozen	\$0.26	.24	.20	.14	.12	.10

Size Nos. 1/0 to 4, three dozen; 5 and 6, six dozen; 7 to 12, twelve dozen in a box.

PFLUEGER CLINCHER



No. 2080—Tough, soft and pliable, with folding lugs. Easily attached by laying the line in the groove and folding the lug over on each end of sinker with fingers. Can be used over and over again.

Size, Nos.	1	2	3	4
Length, in.	1 1/8	7/8	1 1/8	1 1/4
Weight each, ozs.	3/8	1/8	1 1/8	1/4
Per dozen	\$0.10	.10	.10	.12

Size, Nos.	5	6	7	8
Length, in.	1 1/8	1 1/8	1 7/8	2
Weight each, ozs.	3/8	1/2	5/8	1 1/8
Per dozen	\$0.18	.20	.28	.30

Size Nos. 1 to 7, twelve dozen; size 8, six dozen in a box.

LEAD SINKERS PFLUEGER BASS CASTING

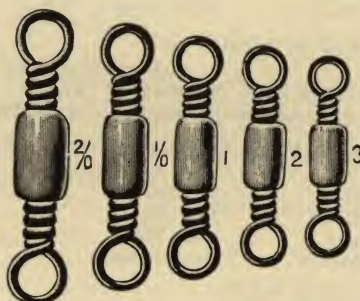


No. 798—Improved brass swivel eye, brass pin extends clear through sinker with solid brass bearing for head of pin to swivel on.

Size, Nos.	2	4	6	8
Length, in.	1 1/2	1 1/8	1 1/8	3/4
Weight each, ozs.	2 1/4	1 1/8	1/2	1/4
Per dozen	\$1.00	.55	.40	.30

One dozen in a box.

BARREL SWIVELS



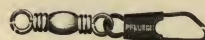
No. 427—Spring tempered brass, smooth running.

Size, Nos.	3	2	1
Length, in.	1 1/8	1 1/8	1 1/4
Wt. box, ozs.	6 7/8	9 1/8	11 1/8
Per dozen	\$0.24	.24	.24

Size, Nos.	1/0	2/0
Length, in.	1 3/8	1 1/2
Wt. box, ozs.	7 1/8	3
Per dozen	\$0.30	.40

Size Nos. 3 to 1, twelve dozen; 1/0 and 2/0, six dozen in a box.

SNAPS PFLUEGER STRONGHOLD



No. 1313—Actual Size



No. 1314—Actual Size



No. 1315—Actual Size

Made for convenience in attaching or detaching artificial or natural bait to line. Housing slips up and down on wire. Bronzed snaps and swivels.

Nos.	1313	1314	1315
Snap size	2	3	4
Swivel size	10	6	5
Wt. gross, lbs.	4 1/4	7 5/8	9 3/4
Per dozen	\$0.40	.40	.40

Three dozen in an envelope.

FLOATS



No. 4001—Real cork ball, plain, with hole.

Diam., in.	1 1/4	1 1/2	1 3/4
Wt. dozen, ozs.	2 1/2	4	6
Per dozen	\$0.60	.80	1.30

FLOATS



No. 800—Barrel Shape

Cork, adjustable, assorted colors, stick top, with pilot ball.

Size, in. 2½ 3
Wt. dozen, ozs. 8 10
Per dozen\$2.40 3.00

One dozen in a box.



Cork, adjustable, assorted colors, stick top, with pilot ball.

Per dozen
No. 700—1¼ in.; wt. per dozen
4½ ozs.\$1.60

One dozen in a box.



Whippet Fancy Float

Cork, in attractive color combination.

Per dozen
No. 2100—7 in.; wt. per dozen 7½
ozs.\$4.00

One dozen in a box.

TACKLE BOXES FALLS CITY



Pocket Size

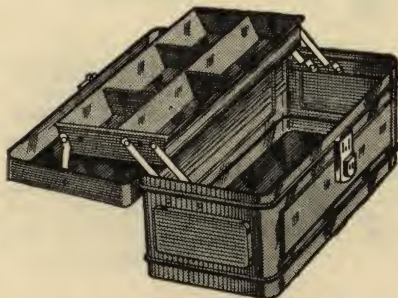
Made from high grade enameling steel, finished in olive drab enamel, baked on. Round corners, seamless drawn construction.

Three small and one large compartment.

Each
No. 5—7x4½x7½ in.; wt. per dozen
8 lbs.\$0.50

One dozen in a carton.

CLIMAX UTILITY



Rounded Corners, Fully Automatic

Cover and body each made from one piece of steel. Improved design, countersunk handles. Tray has removable, adjustable partitions. New safety lock automatically locks box when cover is dropped—easily opened by pressing downward on catch.

Green enamel finish, cadmium plated hardware.

A fine utility box for tackle, shells and tools.

Each
No. 77—12½ in. long, 6½ in. wide,
5½ in. deep; wt. per dozen 37
lbs.\$1.00

One dozen in a carton.

TACKLE BOXES FALLS CITY



Rounded Corners, Fully Automatic

High grade enameling steel, pieced construction. Brass plated catches, inverted lock, one-piece handle. Trays are drawn one-piece construction, finished to match exterior. When cover is raised, trays swing into position. Imperial tan enamel finish.

Each

No. 192—8-compartment top tray,
pantype bottom tray, 19 in.
long, 6¾ in. wide, 6¼ in. deep;
wt. per dozen 78 lbs.\$2.70

No. 142—5-compartment top tray,
pantype bottom tray, 15 in. long,
6¾ in. wide, 6¼ in. deep; wt.
per dozen 62 lbs. 1.90

No. 192, one quarter dozen in a box.



"My Buddy"

Rounded Corners, Fully Automatic

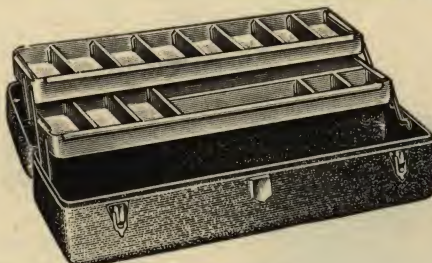
Drawn, one-piece seamless construction. Heavily nickel plated hardware. Inverted waterproof lock. New type one-piece handle. When cover is raised, trays swing into position.

Top tray has six large compartments; bottom tray has one long compartment and four smaller ones.

Gunmetal finish, baked on.

Each

No. 252—15 in. long, 6½ in. wide,
6½ in. deep; wt. per dozen 72
lbs.\$2.70



"My Buddy"

Rounded Corners, Fully Automatic

Drawn, one-piece seamless construction. New type one-piece handle. Inverted, waterproof lock and catches of solid brass. When cover is raised trays swing into position. Trays are rayon (zapon) cushion lined inside and out.

Top tray has eight large compartments, bottom tray has two long compartments and five small ones.

Golden tan ripple enameled finish, has appearance of leather and is exceptionally tough.

Each

No. 392—19 in. long, 7 in. wide, 7½
in. deep; wt. per dozen 102 lbs. \$7.00

All above, one-half dozen in a carton.

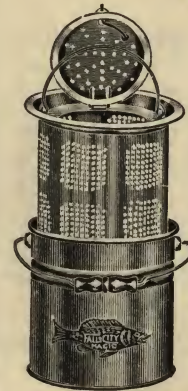
MINNOW BUCKETS FALLS CITY

Round, Non-Floating

Lead coated; two-piece construction. Outer pail plain lead coated finish. Perforated metal inner pail or inset, non-floating type, with extra large top opening.

Each

No. 8—Cap 8 qts.,
9 in. diam., 8½
in. high; wt. per
doz. 30 lbs.\$1.00

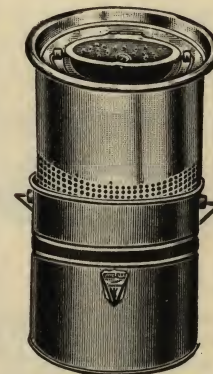


Round, Floating

Lead coated; two-piece construction. Outer pail plain lead coated finish. Perforated metal inner pail or inset, floating type, with extra large round top opening.

Each

No. 208—Cap. 8
qts., 9 in. di-
am., 8½ in.
high; wt. per
doz. 87 lbs. \$1.50

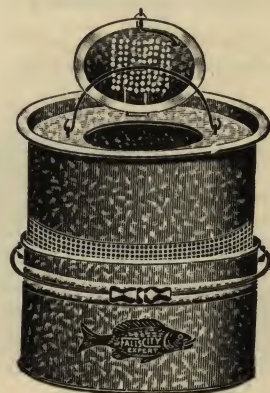


Round, Floating

Galvanized throughout; two-piece construction. Outer pail galvanized finish, with dark green stripe around swedge, and aluminum stripe around bottom. Inner pail or inset has extra large opening in top; wire mesh with deep bottom that will hold sufficient water for transferring minnows.

Each

No. 310—Cap. 10 qts., 9½ in. diam.,
9¼ in. high; wt. per dozen 54
lbs.\$2.00



Oval, Floating

Galvanized throughout; two-piece construction. Outside pail galvanized finish with dark stripe around swedge, and aluminum stripe around bottom. Inner pail or inset has large oval opening; heavy wire mesh with deep bottom pan that holds sufficient water for transferring minnows.

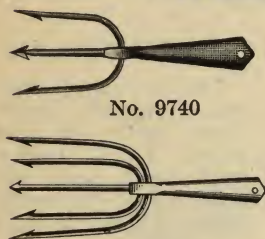
Each

No. 7624—Cap. 10 qts., 12¼ in. long,
8¾ in. wide, 8¾ in. high; wt.
per dozen 58 lbs.\$2.60

All above, one-half dozen in a carton.

FISH SPEARS

ARCADE



No. 9740

No. 9742

Socket Pattern

Spring steel, hand forged points with barbs nicely cut; green enamel finish with aluminum bronze tipped points.

Per dozen

No. 9740—3-prong, $3\frac{3}{4}$ in. tines, $7\frac{1}{2}$ in. long over all, $2\frac{1}{4}$ in. wide over all; wt. per dozen $2\frac{1}{4}$ lbs. \$6.50

No. 9742—5-prong, $3\frac{3}{4}$ in. tines, $7\frac{1}{2}$ in. long over all, $3\frac{1}{4}$ in. wide over all; wt. per dozen $3\frac{1}{2}$ lbs. 7.20

One dozen in a carton.

FISH SCALERS

PFLUEGER KLEEN



Steel, Bright Rust-proof Finish

Teeth designed especially for scaling and set to proper angle for removing greatest quantity of scales in quickest time and with least effort.

Per dozen

No. 729— $6\frac{1}{2}$ in. long over all; wt. dozen 15 ozs. \$1.40

One dozen in a box.

FISH STRINGERS

FOUR BROS. ECLIPSE



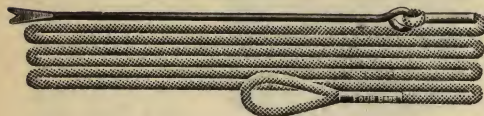
Extra strong braided line, sharp pointed steel needle securely fastened to line. Japanese ring.

Each

No. 2891—6 ft. long; wt. per dozen 1 lb. \$0.20

One dozen in a box.

FOUR BROS. JERICO



Strong white braided line with a combination needle hook disgorged polished and nickel plated.

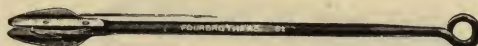
Each

No. 805—4 ft. long; weight per dozen $\frac{1}{2}$ lb. \$0.16

One in an envelope, six dozen in a box.

FISH HOOK DISGORGERS

FOUR BROS.



Made of strong spring temper rod with spring temper metal flange hook extractor, compromised to take care of all sizes and kinds of hooks.

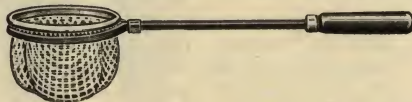
Polished and nickel plated.

Each

No. 82— $6\frac{1}{4}$ in. long; weight per dozen 1 lb. \$0.14

One dozen in a box.

AQUARIUM OR MINNOW BUCKET DIP NETS



A new design, made of six mesh common sense netting. The netting is fastened between two metal rims. Outer rim forms the handle, with a nicely finished and ferruled wood grip.

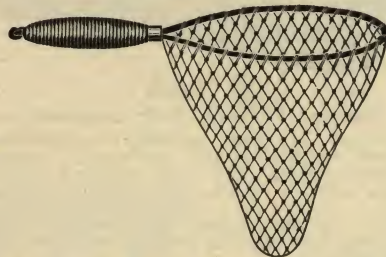
Per dozen

No. 6— $3\frac{3}{4}$ in. diam. at top, 13 in. long over all; weight per dozen $1\frac{5}{8}$ lbs. \$4.00

One dozen in a box.

LANDING NETS

CHAMPION



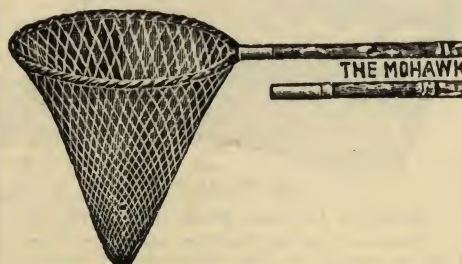
Solid wire frame, ebonized scored handle, brown net.

Per dozen

No. 20—12x19 in. frame, 7 in. long; weight per dozen $4\frac{1}{8}$ lbs. \$8.00

Open stock.

MOHAWK



Round galvanized wire ring, white cotton dip net, two-piece Japanese bamboo handle with polished brass ferrules.

Per dozen

No. 920—14 in. diam. at top; net 20 in. deep, $\frac{3}{8}$ in. mesh at top, $\frac{1}{8}$ in. mesh at bottom; 4 foot handle; weight per dozen 15 lbs. \$24.00

Open stock.

MINNOW SEINES

COMMON SENSE



Made of good cotton stock; brown color; woven mesh; complete with ropes, floats and lead sinkers.

Light Weight, $\frac{1}{8}$ In. Mesh, 4 Ft. Deep

Not legal in State of Iowa.

Length, ft.	10	15	20
Wt. each, lbs.	$1\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{7}{8}$
Each	\$1.80	2.70	3.60

Heavy Weight, $\frac{1}{4}$ In. Mesh, 4 Ft. Deep

Legal in State of Iowa.

Length, ft.	10	15	20
Wt. each, lbs.	$1\frac{3}{4}$	$2\frac{1}{2}$	$3\frac{3}{4}$
Each	\$2.60	3.90	5.20

Open stock.

OAR LOCKS

Round Pattern

Galvanized Malleable Iron

Per pair

No. 8— $2\frac{1}{4}$ in. opening, $2\frac{1}{4}$ in. center; wt. per pair $1\frac{1}{2}$ lbs. \$0.60

Open stock



Socket Pattern

Plain Malleable Iron

Per pair

No. 11— $2\frac{1}{4}$ in. opening, 3 in. center; wt. per pair $1\frac{1}{8}$ lbs. \$0.50

Open stock



Moline Pattern

Galvanized Malleable Iron

Per pair

No. 22— $1\frac{1}{2}$ inch opening, $2\frac{1}{4}$ in. center; wt. per pair $2\frac{3}{8}$ lbs. \$1.00

Open stock.



BOAT OARS

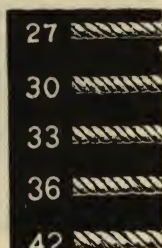
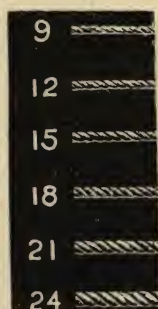


Selected White Ash, Plain Tip; Straight Blade

Length, ft.	6	$6\frac{1}{2}$	7	$7\frac{1}{2}$	8
Wt. each, lbs.	$3\frac{1}{2}$	4	5	$5\frac{1}{2}$	6
Per pair	\$5.00	5.50	6.00	6.50	7.00

Open stock.

SEINE TWINE
PORTERDALE



Cotton, Medium Laid

In 5-Pound Pads

Nos.	12	15	18	21	24	27
Feet per lb.	1650	1320	1100	890	830	690
Break. strength, lbs.	24	30	36	40	44	50
Per pound	\$ Market					

Nos.	30	33	36	42	48	60
Feet per lb.	620	560	520	445	390	270
Break. strength, lbs.	56	64	72	82	92	150
Per pound	\$ Market					

Nos.	72	84	96	120	144
Feet per lb.	220	190	170	130	110
Break. strength, lbs.	180	210	240	300	360
Per pound	\$ Market				

In 4-Ounce Tubes

No. 24—830 ft. per lb., breaking strength 44 lbs.	Per dozen \$ Market
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In 8-Ounce Tubes

No. 24—830 ft. per lb., breaking strength 44 lbs.	Per dozen \$ Market
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TROT LINES
PORTERDALE

First Grade
Twisted White Cotton

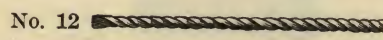


In Balls			
Nos.	1	4	
Wt per ball, lbs.	1 1/4	2	
Diam., in.	3/4	1 1/8	
Threads	69	108	
Ft. per lb.	165	90	
Tensile strength	175	275	
Per pound	\$ Market		



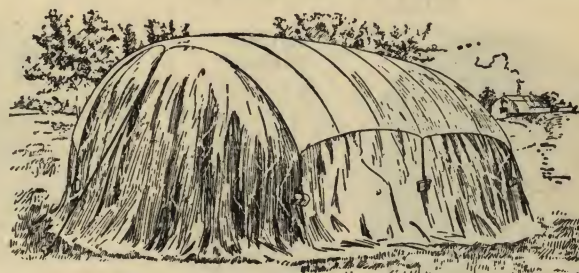
STAGING TWINE
PORTERDALE

Best Quality
Three-Ply Cotton
In 2-Ounce Balls



Size, Nos.	12	18
Threads	9	15
Ft. per lb.	1380	785
Tensile strength	23	35
Per pound	\$ Market	
Size Nos.	24	36
Threads	21	27
Ft. per lb.	585	435
Tensile strength.	52	74
Per pound	\$ Market	
Five pounds in a carton.		

PAULINS
PROTEX



Made of good weight duck thoroughly waterproofed by best known treatment. Waterproofing goes all the way through the material—not just on the surface—adds strength and life to fabric.

Size, ft.	8x10	8x12	10x12	12x14	14x16	16x20
Wt. each, lbs.	12	15	18	25	33	47
Each	\$7.00	8.00	9.50	12.80	17.50	24.00

PORCH SWINGS
NORTH VERNON



Made of solid oak.
Natural varnish finish.

Comfortable, formed seat, slant back.

Complete with rust-proof chain and ceiling hooks.

No. 111—Length 4 ft., depth of seat 17 in., height of back 18 1/2 in.; wt. each 31 lbs.	Each \$6.00
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One in a carton, K. D.



Made of solid oak.
Natural varnish finish, trimmed in orange or green.

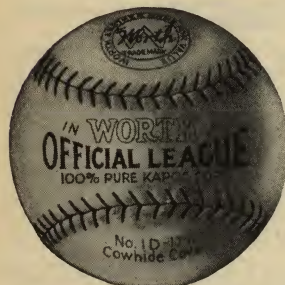
Comfortable, formed seat, slant back.

Complete with rustproof chain and ceiling hooks.

Nos.	115	116
Length, ft.	4	5
Depth seat, in.	17	17
Height back, in.	22	22
Weight each, lbs.	37	45
Each	\$10.00	11.50

One in a carton, K. D.

SOFT BALL EQUIPMENT

WORTH INSEAM PLAYGROUND
BALLSOfficial
Softball

Highest quality Java or Sumatra kapok core, compressed and machine wound down to size with highest quality cable cord. Rubber compound is impregnated during winding process. "Stratatex" construction obtained by alternate layers of cable cord and cotton yarn. "Capra-Cover," fully as durable and satisfactory as cowhide, permanently sealed to ball and sewed with heavy waxed linen thread in two needle style.

Per dozen
No. 1S-12—12 in. circumference;
wt. per doz. 6 lbs.\$20.00
One in a sealed box.

Approved Softball

Has new "Capra-Cover," two needle stitched on a slug of 100 percent pure kapok of official size and weight.

Per dozen
No. 3S-12—12 in. circumference;
wt. per doz. 6 lbs.\$15.00
One in a box, one dozen in a carton.

Official Night Playground Ball

Same inner construction as No. 1S-12, but with white glazed cowhide cover, making it a night ball.

Per dozen
No. PN-1D-12—12 in. circumference;
wt. per doz. 6¼ lbs.\$24.00
One in a sealed box.

Approved Night Softball

Same as No. 3S-12, but with glazed white cover that may be either "Capra-Cover" or cowhide.

Per dozen
No. NS-12—12 in. circumference;
wt. per doz. 6 lbs.\$16.00
One in a box, one dozen in a carton.

Indoor Playground Ball

"Koko-Kore" forms an extremely durable center being wound with cable cord and covered with good quality cowhide cover. Especially designed to provide a durable playground ball for amateur play.

Per dozen
No. G-1D-12—12 in. circumference;
wt. per doz. 5 lbs.\$10.50
One in a box, one dozen in a carton.

Playground Ball

High grade cowhide cover sewed with two needles to a wool felt core.

Per dozen
No. X-1D-12—12 in. circumference;
wt. per doz. 5 lbs.\$7.20
One dozen in a carton.

Playground Ball

Compressed core with genuine leather cover; sewed with one needle.

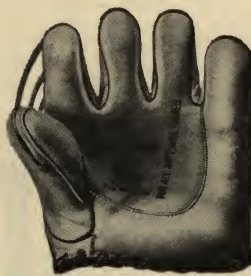
Per dozen
No. 3-1D-12—12 in. circumference;
wt. per doz. 5½ lbs.\$4.20
One dozen in a carton.

REACH FIELDERS' GLOVES



Made of tan Reaco leather. Full leather lined. Roll edge binding. Welted seams. Reinforced leather sewed at thumb, wrist and little finger. Heavily padded for full protection. Lace adjustment between thumb and forefinger.

Each
No. S1G—Wt. each 8 ozs.\$3.90
One in a box.



Made of tan Reaco leather. Full leather lined. Roll edge binding. Reinforced leather sewed at thumb, wrist and little finger. Heavily padded for full protection. Laced at wrist to permit change or adjustment of padding. Laced between thumb and forefinger.

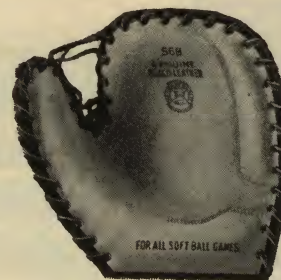
Each
No. S3G—Wt. each 10 ozs.\$5.20
One in a box.



Good selection tan Reaco leather. Glove leather lining. Roll edge binding. Welted seams. Exceptionally large thumb affords ample protection and assists in catching ball. Back of fingers connected with strip of strap leather, preventing fingers from being hit on end. Reinforced leather at wrist and little finger. Laced at wrist and thumb.

Each
No. S5G—Wt. each 11 ozs.\$6.30
One in a box.

REACH BASEMEN'S MITTS



Made of cream Reaco leather. Soft glove leather lining. Large reinforcing leather pieces at thumb, wrist and fingers. Leather laced edge. Trap lacing at thumb. Leather wrist strap with buckle fastener.

Each
No. S6B—Wt. each 1¾ lbs.\$5.20
One in a box.

REACH CATCHERS' MITTS



Made of cream Reaco leather. Double stitched seams. Full laced edge. Outside padding so constructed that ball sticks in palm of mitt with very little effort. Strap-and-buckle at wrist. Trap lacing at thumb.

Each
No. S8C—Wt. each 11 ozs.\$5.80
One in a box.

CATCHERS' MASKS



An exceptionally light weight mask built on special design for soft ball. Electrically welded steel wire frame with full open vision. Leather forehead and chin pads. Adjustable elastic head straps.

Each
No. S10M—Wt. each 15 ozs.\$5.80
One in a box.

SOFT BALL BATS REACH



- No. N8—Blue Streak;** official, second growth white ash; yellow oil treated, hard filled, lacquer finish, swivel grip; assorted 2 and 2½ in. diam., 33 and 34 in. lengths; wt. per dozen 21 lbs.\$16.80
One in a paper bag, one dozen in a carton.



- No. B6—Driver;** Regulation, white ash; dark brown stain, hard oil filled, lacquer finish, taped grip; assorted 2 and 2½ in. diam., 33 and 34 in. lengths; weight per dozen 21 lbs.\$12.60
No. B4—Flash; Regulation, in assorted sizes in ash or hickory; dark brown stain, hard oiled filled, lacquer finish, taped grip; weight per dozen 21 lbs. 8.40
One in a paper bag, one dozen in a carton.



- No. 4—Assorted sizes** in ash or hickory, brown filled finish; weight per dozen 21 lbs.\$4.50
One in a paper bag, one dozen in a carton.

BASEBALL BATS REACH PLAYERS' MODELS



"Resilite" Treated

Made of finest quality second growth Northern ash, thoroughly air dried. The "Resilite" treatment provides all the advantages in playing quality and durability. Yellow oiled hard filled finish covered with double coat of lacquer and hand polished.

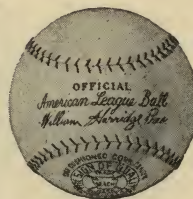
- C. L. Hartnett—**Bottle shaped, slim handle tapers to large hitting surface, rounded end; medium to heavy weights; 35 in. long\$42.00
Frankie Frisch—Medium size hitting surface tapering to medium size handle with large knob on end; medium light weight; 35 in. long 42.00
Heinie Manush—Long, medium size handle, large hitting surface; medium weight; 35 in. long..... 42.00
Earl Averill—Long, medium size handle, large hitting surface extending well into handle; medium weight; 35 in. long 42.00
Pete Fox—Large batting face, medium size grip, knob end, medium weight; 35 in. long 42.00
Phil Cavaretta—Medium hitting surface with medium size handle, giving bat straight taper; size and weight combine to make a durable light weight bat; 33 in. long... 42.00
Average weight per dozen 30 pounds.
One in a paper bag, one dozen in a carton.

REACH REGULAR MODELS



- No. WSB—World Series;** case hardened; fine grade second growth ash, light brown stain, oil-treated, hard filled lacquer finish, polished; wt. per dozen 30 lbs.....\$30.00
No. 10M—Ski-Ride; heavy hitting, second growth white ash, dark brown stain, hard oil-filled lacquer finish, taped grip; weight per dozen 27 lbs..... 24.00
No. 83—Fence Buster; full size, light brown stain, hard oiled, lacquer finish; wt. per dozen 26 lbs..... 9.00
No. 87—Boys' Home Run; white ash, dark brown stain, filled finish; 28 in. long; weight per dozen 16 lbs..... 4.50
One in a paper bag; Nos. WSB, 10M and 83, one dozen in a carton; No. 87, three dozen in a carton.

BASEBALLS REACH OFFICIAL



American League Cushioned Cork Center

Highest grade alum tanned horsehide cover cemented to ball and double-stitched with strongest four-ply red thread. Live cork center surrounded by black semi-vulcanized rubber over which is vulcanized another cover of red rubber. Wound with high grade wool yarn.

- No. 0—Official size and weight;** wt. per dozen 4½ lbs.....\$31.20
One in a box, wrapped in tin foil and sealed; one dozen in a carton.

WORTH OFFICIAL LEAGUE



Pure Cork and Rubber Center

Highest quality pure wool yarn in two layers separated by strata of finest white wool yarn; two heavy coats of baseball cement; selected white alum horsehide cover; sewed with two needle waxed baseball thread.

- No. 922-C—Official size and weight;** wt. per dozen 5½ lbs.\$25.50
One in a box, wrapped in tin foil and sealed; one dozen in a carton.

WORTH STATE LEAGUE

Rubber Center

Wool yarn wound; genuine horsehide cover; sewed with two needle stitch and four cord thread. Standard for any game.

- No. 9—Official size and weight;** wt. per dozen 5 lbs.....\$14.00
One in a sealed box; one dozen in a carton.

WORTH SPECIAL LEAGUE

Rubber Center

Wool felt core wound with a heavy yarn strata; genuine horsehide cover, two needle sewed in official league stitch.

- No. 962—Official size and weight;** wt. per dozen 4½ lbs....\$7.20
One in a sealed box; one dozen in a carton.

WORTH PIONEER LEAGUE

Rubber Center

Genuine horsehide cover; rubber center in felt core; sewed with two needles.

- No. 965—Official size and weight;** wt. per dozen 4½ lbs....\$4.20
One dozen in a carton.

WORTH FAULTLESS

Compressed Center

Leatherette cover; sewed with one needle.

- No. 73-1—Junior size;** weight per dozen 3½ lbs.....\$2.00
Note—Official baseball circumference is 9 in.; weight 5 ozs.

FIELDERS' GLOVES

REACH



Joe Cronin Model

Good quality cream oil-treated Reaco leather. Full leather lined. Leather binding and welting. Leather laced wrist. Laced between thumb, third and little fingers. Hand-formed felt padding with deep natural pocket—very little breaking-in is required. "V" type back with strap-and-buckle fastener. Thoroughly practical in every detail of construction.

Each
No. 00W—Weight each 11 ozs. ...\$9.00
One in a box.



Divided Thumb Model

Reaco leather with full leather lining. Hand formed padding. Leather welted seams. Leather laced wrist to allow change of padding. Laced between thumb and forefinger.

Special feature is the "divided thumb." On inside of the thumb is a leather strip which divides the thumb into two compartments—one for snug fit, the other for loose fit.

Each
No. 0BL—Weight each 1½ lbs.\$7.00
One in a box.



"Babe" Ruth Home Run Special Model

Fine selection of oil treated Reaco leather, lined with soft glove leather. Strongly bound edges. Leather welted seams, diverted between fingers to prevent ripping. Laced at wrist to permit change or adjustment of padding. Hand-formed padding. Wide, deep sure-catch pocket. Laced between thumb and forefinger.

Each
No. RF2—Weight each 9 ozs.\$5.60
One in a box.

FIELDERS' GLOVES

REACH



tween thumb and forefinger.

Each
No. 10W—Weight each 7 ozs.\$3.50
One in a box.



Each
No. 56—Weight each 5 ozs.\$2.80
One in a box.



Each
No. 4G—Weight each 5 ozs.\$2.10
One in a box.



with button on back. Popular with the younger players.

Each
No. 55—Weight each 5 ozs.\$1.40
Six in a box.



Each
No. 24—Weight each 3 ozs.\$1.05
Twelve in a box.

A full sized glove made of oil-treated Reaco leather with full leather lining. Leather welted seams. The laced wrist allows change of padding. Laced between thumb and forefinger.

A full sized glove made of oil-treated Reaco leather. Full leather palm lining. Leather welted seams. Laced between thumb and forefinger.

Youths' size. Made of tan Reaco leather. Felt padding in palm. Leather palm lining. Medium padded heel. Laced thumb. Imitation lacing at wrist. Deep pocket. Carefully made.

Youths' size. Made of brown Reaco leather. Inseam model. Felt padding with leather palm patch lining. Padded heel. Web thumb. Correctly bound at wrist. Strap with button on back.

Boys' size. Reaco leather. Felt lined palm. Padded heel. Web thumb. Strap with button on back. Outseam model. A real, practical glove designed to give plenty of wear.

BASEMEN'S MITTS

REACH



Joe Kuhel Model

This professional mitt is modeled over a pattern which has been standard among the professional trade for many years. Made of fine oiled cream horse-hide with glove leather lining—the hand does not touch the oiled leather. Hand-formed asbestos padding with deep ball pocket. Professional model panel back. Trap thumb lacing. Strap-and-buckle at wrist.

Each
No. SM—Weight each 1 lb.\$10.50
One in a box.



Champion Model

A standard professional model with glove thumb. Made of oil-treated Reaco leather. Glove leather lining. Professional panel back construction. Well padded. Strap-and-buckle at wrist. Trap thumb lacing. Built to stand up under punishment, it gives perfect satisfaction.

Each
No. 4X—Weight each 1½ lbs.\$7.00
One in a box.



This mitt is made of oiled Reaco leather. Glove leather lining. Laced edge. Strap-and-buckle at wrist. Trap thumb lacing. Medium size. Correctly padded.

Each
No. XR—Weight each 14 ozs.\$4.20
One in a box.



Youths' size. Made of brown Reaco leather face and back, with imitation leather lining. Laced edge. Strap-and-buckle at wrist. Trap thumb lacing. Carefully padded.

Each
No. FB—Weight each 8 ozs.\$2.10
Six in a box.

CATCHERS' MITTS

REACH



Big League Model

Semi-moulded, deep pocket. Oil-treated Kromax face and pearl horsehide back. Shaped asbestos padding. Double

stitched seams. Leather laced edge. Trap lacing between thumb and face. Strap-and-buckle wrist, shearling wool padded hand protector.

Each
No. BP—Weight each 1½ lbs.\$11.20

One in a box.



League Special

Semi-moulded. Tan Reaco leather with "spot" greased palm. Double stitched. Well padded.

Leather laced. Strap-and-buckle wrist with felt hand protector. Trap lacing at thumb. Full size.

Each
No. 200—Weight each 1½ lbs.\$7.00

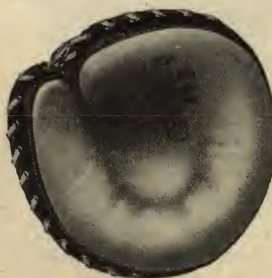
One in a box.



Full size, semi-moulded. Oiled Reaco leather face, tan leather back and fingers. Laced edge. Laced at thumb. Strap-and-buckle wrist.

Each
No. 150—Weight each 1½ lbs.\$5.60

One in a box.



Cream Reaco leather face and fingers, tan leather back and black strap. Laced edge. Laced at thumb. Correctly padded. Strap-and-buckle at wrist.

Each
No. 85X—Weight each 1 lb.\$2.80

Three in a box.

CATCHERS' MITTS

REACH



serviceable mitt at the price.

No. 70X—Weight each 9 ozs.\$1.40

Six in a box.

Brown leather face and fingers. Olive duck back and black strip. Laced between thumb and forefinger. Bound edge. Strap-and-button at wrist. A good

CATCHERS' MASKS

REACH



straps. Side extended to protect ears. Equipped with removable transparent sun shade. Strong and serviceable.

Each
No. 20S—Weight each 1½ lbs.\$9.00

One in a box.

Club Special

Made of tempered steel wire. Reinforced joints. Open vision and "Spitter" features. Adjustable leather pads and adjustable elastic head

College

Light in weight yet constructed to give ample protection. Open vision and "Spitter" features. Padded face and chin cushions. Adjustable elastic head straps.

Each
No. 35S — Wt.
ea. 1½ lbs. \$6.30
One in a box.



Youths' Model
Black enamel steel wire. Well padded face and chin cushions. Adjustable elastic head strap.

Each
No. 50S—Weight
each 1 lb.\$4.00
Six in a box.

BODY PROTECTORS

REACH

Semi-Pro Model

Heavy khaki canvas with kapok padding. Leather bound edge. Adjustable web straps in back.

Each
No. S5—Weight
ea. 1¼ lbs.\$7.00

One in a box.



BODY PROTECTORS

REACH

Boys' Model

Khaki canvas, padded. Bound edge. Adjustable straps.

Each
No. S3—Wt. each
1½ lbs.\$4.20

One in a box.



BASEBALL SHOES

REACH



Sprint Model

Selected full grain glazed glove finished chrome leather. Inside counter of ooze leather and full lining of black duck. Soles are of selected oak tanned bends with shank piece of full chrome tanned leather in one solid piece. Solid leather inner sole. Lock stitched sewed. Tempered tool steel inner sole plates. Fitted with firmly riveted Parkerized rust-proof toe and heel plates.

Per pair
No. A5—Weight per pair 2½ lbs.\$6.20
One pair in a box.



Selected full grain glazed glove finished chrome leather. Inside counter of ooze leather and full lining of black duck. Flexed shank. Good quality oak soles. Steel inner sole plates. Equipped with Parkerized rust-proof steel plates, solidly riveted to soles and heels.

Per pair
No. A7—Weight per pair 2½ lbs.\$5.60
One pair in a box.

FOOT BALLS

REACH



Official—With Rubber Valve

Official in size, shape and weight.

Finest selected specially tanned Reach Tuf-side football leather. Patented double lining. Highest type of skilled workmanship. Every ball given exacting tests and rigid inspection.

The simple construction of the new rubber bladder makes inflation and deflation easy.

An accurate ball for passing and punting—sure on drop and place kicks.

No. 05—Weight each 1½ lbs. Each \$16.00

One in a box.

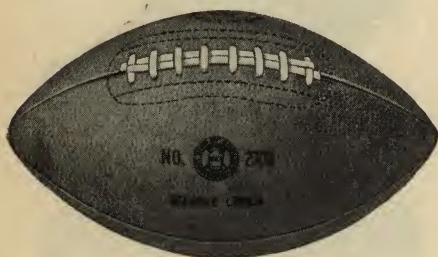


School Special—With Rubber Valve

Regulation size. Made of genuine pebble-grained Tuf-side leather with double fabric lining. A well made and durable ball containing rubber valve bladder and double laced ready to inflate.

No. 5CV—Weight each 13 ozs. Each \$9.00

One in a box.



With Rubber Valve

Regulation size. Made of good quality genuine pebble-grained cowhide leather with strong fabric lining. Fitted with valve bladder. Leather lace, lacing needle and valve attachment tools included with each ball.

No. 2700—Weight each 1 lb. Each \$7.00

One in a box.

FOOT BALLS

REACH



With Rubber Valve

Regulation size. Made of full grain cowhide with special pebble finish. Double lined.

Complete with new rubber valve bladder which permits quick and easy inflation.

No. 18RG—Weight each 1 lb. Each \$5.60

One in a box.



With Rubber Valve

Regulation size. Made of full grain cowhide leather with fabric lining. Fitted with new rubber valve bladder. Laced ready for inflation.

No. 15RG—Weight each 14 ozs. Each \$3.90

One in a box.



Forward Pass—With Rubber Valve

Regulation size. Made of special pebble finish split cowhide. Fabric lined. Rubber valve bladder.

Laced ready for inflation.

No. 25V—Weight each 12 ozs. Each \$2.80

One in a box.

FOOT BALLS

REACH



Kick-Off—With Stem Bladder

Special pebble finish genuine split cowhide. Strong construction.

Complete with stem bladder and lace.

No. 100—Weight each 10 ozs. Each \$1.60

One in a box.

FOOT BALL BLADDERS

REACH



Needle Type

No. 1500—Medium weight gum rubber with rubber valve; weight each 2 ozs. Each \$0.90

No. 1501—Heavy weight gum rubber with rubber valve; weight each 2 ozs. 1.40

One in a bag.



Stem Type

No. 1590—Light weight gum rubber; weight each 2 ozs. Per dozen \$4.40

One in a bag.

These balls have been inflated, inspected and thoroughly tested before leaving the factory—the Official ball is official in size and weight. They are of perfect workmanship, free from defects and will not be replaced after being put into play.

BASKET BALLS

REACH



Official—With Rubber Valve

Strictly official in size, weight and shape and conforms to all rules of the game. Top-quality pebble grained Tuf-ide leather. Double-fabric lining that cannot bulge or stretch. Complete with rubber valve bladder.

Double laced, ready for inflation.

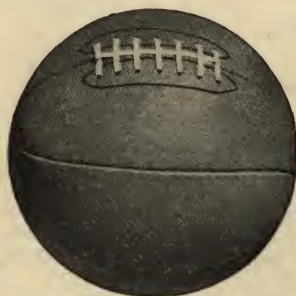
Each
No. AA—Weight each $1\frac{5}{8}$ lbs.\$21.00
One in a box.



Regulation—With Rubber Valve

Regulation size. Selected genuine Tuf-ide cowhide, pebble grained. Double lining prevents ball getting out of shape. New rubber valve.

Double laced with strong, thin calfskin lace, ready for inflation. Each
No. RR—Weight each $1\frac{5}{8}$ lbs.\$14.00
One in a box.



Collegiate With Rubber Valve

Regulation size. Pebble-finished cowhide leather. Complete with rubber valve bladder.

Laced ready for inflation. Each
No. 4100—Weight each $1\frac{5}{8}$ lbs.\$10.00
One in a box.

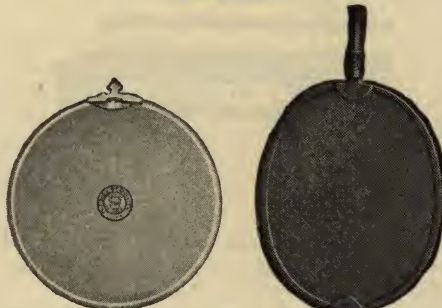
Special—With Rubber Valve

Regulation size. Heavy pebble-finished split cowhide leather. Four-section pattern. Complete with rubber valve bladder. Laced ready for inflation.

Each
No. 2V—Weight each $1\frac{1}{8}$ lbs.\$7.00
One in a box.

BASKET BALL BLADDERS

REACH



Nos. 1503 and 1504

No. AB

Each

No. 1503—Needle type; medium weight gum rubber, rubber valve\$1.10

No. 1504—Needle type; heavy weight gum rubber, rubber valve 1.60

No. AB—Stem type, light weight gum rubber56

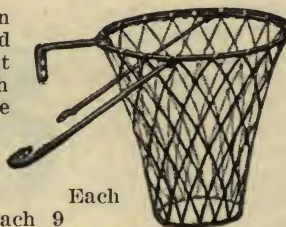
Weight each about 5 ounces.

One in a bag.

BASKET BALL GOALS

REACH

Regulation size. Hand made wrought iron with strong side braces. 6 in. extension. With nets.

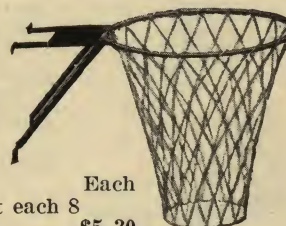


Each

No. 6—Wt. each 9 lbs.\$8.40
Open stock.

16 in. size. Complete with nets.

Well made and very sturdy.



Each

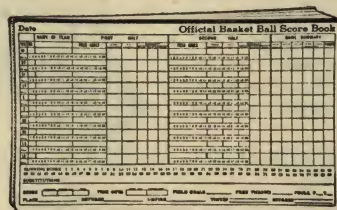
No. 5—Weight each 8 lbs.\$5.30
Open stock.

Per pair

No. GN—Extra nets\$4.00

SCORE BOOKS

REACH BASKET BALL



Reach system. For 30 games. Cloth bound. Complete scoring instructions.

Each
No. 3—Weight each 4 ozs.\$0.70
Open stock.

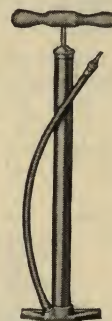
INFLATING PUMPS

REACH



Pocket size. Wooden handle. Check valve and detachable nipple.

Each
No. 1R— $12 \times 2\frac{1}{4}$ in.; weight each 6 ozs.\$0.90
Open stock.



A large size pump. Extension on bottom for holding with foot when pumping. Brass plunger rod and wooden handle.

Each
No. 4— $20 \times 3\frac{3}{4}$ in.; wt. each 10 ozs. ..\$1.80

Open stock.

LACING NEEDLES

REACH



Curved steel, wood handle.

Each
No. 2—Weight each 2 ozs.\$0.14
Open stock.



Curved steel.

Each
No. 1—Weight each 1 oz.\$0.06
Open stock.

LACES



REACH Rawhide.

Each
No. RL—24 in. long; weight each 1 oz.\$0.14
One pair in a paper bag.

REFEREES' WHISTLES

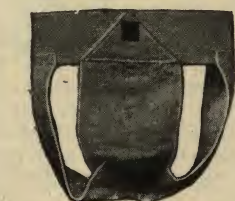


REACH

Metal, nickel finish.

Each
No. EW—Weight each $1\frac{1}{4}$ ozs.\$0.50
One dozen in a box.

ELASTIC SUPPORTERS



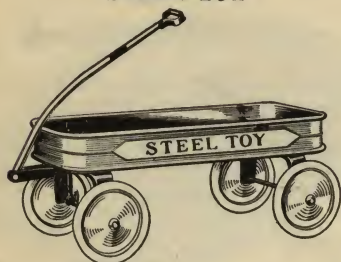
All elastic band, under- straps and bag.

2 inch leg bands.

Per dozen
No. S10X—Small, waist 22 to 28 in. \$5.70
No. M10X—Medium, waist 30 to 38 in. 5.70
No. L10X—Large, waist 40 to 48 in. 5.70
Weight each 4 ounces.
One in a box.

COASTER WAGONS

STEEL TOY



Body—Heavy sheet steel, reinforced with beads. Large roll on top and bottom. Heavy one-piece bottom.

Gear—Strong channel steel.

Handle—Tubing, with steel loop grip.

Wheels—Double disc. Nickel plated hub caps.

Finish—Indian red body, wheels and handle; attractive cream panels. Black gear.

Each

No. 68— $8\frac{3}{4} \times 17\frac{1}{2} \times 2\frac{5}{8}$ in. body, $4\frac{3}{4}$ in. wheels, $\frac{1}{2}$ in. tires; weight each 7 lbs.\$1.70
Six in a carton.

COASTER WAGONS

STEEL TOY



Body—Heavy sheet steel, reinforced with beads. Large roll on top and bottom. Heavy one-piece steel bottom.

Gear—Strong channel steel, well braced to body.

Handle—Tubing, with steel loop grip.

Wheels—Double disc. Nickel plated hub caps.

Finish—Indian red body, wheels and handle; attractive cream panels. Black gear.

Each

No. 69— $11\frac{1}{2} \times 24 \times 3$ in. body; $5\frac{1}{2}$ in. wheels, $\frac{1}{2}$ in. tires; weight each $9\frac{1}{2}$ lbs.\$2.40
Two in a carton.

COASTER WAGONS

FIRE FLY



Body—Heavy sheet steel, reinforced with beads. Large roll on top and bottom. Heavy one-piece bottom.

Gear—Channel steel, well braced to body.

Handle—Curved tubing with steel loop grip.

Wheels—Double disc. Nickel plated hub caps.

Finish—Outside of box red; gear and handle red; inside of box cream; wheels cream with red stripe.\$3.80

No. 71— $13\frac{1}{8} \times 28\frac{1}{4}$ in. body, $7\frac{3}{4}$ in. wheels, $\frac{3}{4}$ in. tires; wt. each 24 lbs.\$3.80
One in a carton.

RED BIRD



Roller Bearing

Body—Heavy sheet steel reinforced with beads. Large roll on top and bottom. Heavy one-piece bottom.

Gear—Channel steel, well braced to body.

Handle—Curved tubing, with steel loop grip.

Wheels—Double disc. Self-retained roller bearings. Nickel plated hub caps.

Finish—Indian red with cream side panels. Wheels striped with cream. Black gear and handle.

Each

No. 4— $15\frac{1}{4} \times 33\frac{1}{4}$ in. body, $9\frac{1}{2}$ in. wheels, $\frac{3}{4}$ in. tires; weight each 32 lbs.\$4.70

One in a carton.

COMET



Ball Bearing

Body—Heavy sheet steel, reinforced with deep drawn panel. Rolls on top and bottom.

Lights—Two electric head lights complete with battery box and switch without batteries.

Gear—Heavy stamped channel steel gear with unusual strength. New type fifth wheel construction with recessed cup giving an extra bearing surface.

Handle—Curved tubular steel with loop grip. Rubber bumper. **Wheels**—Spoke type. High grade ball bearings. Nickel plated hub caps. Gum dipped Firestone balloon tires.

Finish—Silk green with lemon yellow interior. Lemon yellow gear handle and wheels, with green stripe on wheels.

Each

No. 15— $15\frac{1}{4} \times 37$ in. body, $9\frac{1}{2}$ in. wheels, 2.50 in. tires; weight each 33 lbs.\$8.50

No. 13—Same as No. 15 but without electric head lights; weight each 33 lbs.7.00

One in a carton.

CHAMPION

Roller Bearing



Body—Stamped and drawn from one-piece heavy auto body sheet steel. No seams, joints or welds. Gracefully rounded front. Width at front gear $16\frac{7}{8}$ in., tapering to $15\frac{1}{4}$ in. at rear. Top ledge $1\frac{3}{4}$ in. wide at front, tapering to $1\frac{1}{2}$ in. wide at rear. Bottom reinforced with panel and large beads.

Gear—Front gear of heavy auto body steel, stamped and drawn for extra strength and rigidity. New type fifth wheel construction with recessed cup giving an extra bearing surface. Rear gear of heavy steel, securely braced and bolted to body.

Handle—Curved tubing, with steel loop grip.

Wheels—Double disc. Self-retained roller bearings. Nickel plated hub caps.

Finish—Dark green with light green exterior. Gear and handle dark green. Wheels light green with dark green stripe.

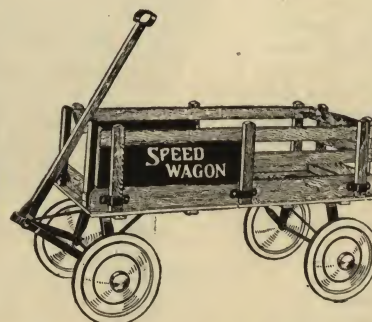
Each

No. 7— $16\frac{7}{8} \times 35\frac{1}{4} \times 4\frac{1}{4}$ in. body, $9\frac{1}{2}$ in. wheels; $\frac{3}{4}$ in. tires; weight each 40 lbs.\$7.00

One in a carton.

SPEED WAGON

Roller Bearing



Body—Selected, well seasoned hardwood. Reinforced with cleats and steel braces. Hardwood removable racks $8\frac{1}{2}$ inches high. Stake holders enameled and screwed to bed.

Gear—Channel steel reinforced with steel braces.

Wheels—Double disc. Self-retained roller bearings. Nickel plated hub caps.

Finish—Double coat shellac and varnish finish on bed and racks. Side and front panels Berkshire blue with yellow lettering. Wheels finished in Berkshire blue with yellow stripe.

Each

No. 443— 16×36 in. body, $9\frac{1}{2}$ in. wheels, $\frac{3}{4}$ in. tires; weight each 45 lbs.\$11.00

One in a carton.

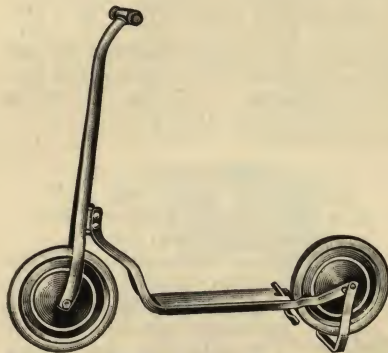
SCOOTERS

TOT BIKES



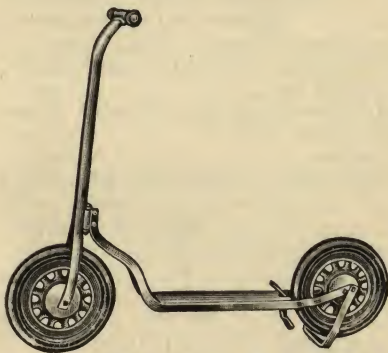
No. 801—33½ in. long, 30 in. high, 12 in. foot board, 8½ in. wheels, ⅝ in. tires; weight each 8½ lbs.\$2.00
Six in a carton.

Foot Board—Wooden.
Fork and Frame—Steel, with wooden cross handle. Rear parking stand.
Wheels—Disc, with rubber tires.
Finish—Green, with red foot board. Wheels red with yellow stripe.



No. 805—36 in. long, 32 in. high, 13 in. foot board, 9½ in. wheels, ¾ in. tires; weight each 13 lbs.\$3.50
Two in a carton.

Foot Board—Wooden.
Fork and Frame—Steel, with wooden cross handle. Rear parking stand. Foot brake.
Wheels—Roller bearing disc, with rubber tires.
Finish—Cream, with red foot board and red handle. Wheels red with wide cream stripe.



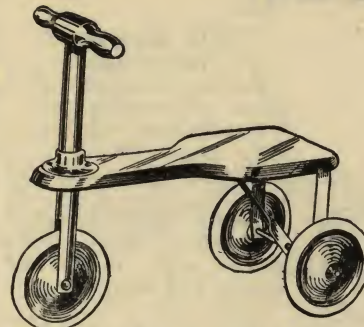
No. 809—36 in. long, 32 in. high, 13 in. foot board, 10 in. wheels, 1 in. tires; weight each 14 lbs.\$4.70
Two in a carton.

Foot Board—Wooden.
Fork and Frame—Steel, with wooden cross handle. Rear parking stand. Foot brake.
Wheels—Artillery type roller bearing disc, with rubber tires.
Finish—Red, with black foot board and black handle. Wheels red with white centers and white stripe. Black rims and tires.



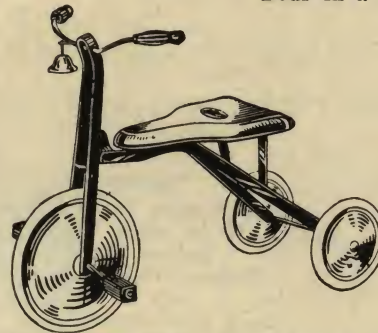
No. 5673—43 in. long, 32 in. high, 10 in. wheels, 1 in. tires; weight each 25 lbs.\$8.00
One in a carton.

"Sippy"
With Ball Bearing Wheels
Foot Board—Steel, with non-skid rubber mat.
Fork and Frame—Steel, with wooden cross handle. Steel parking stand, wheel housing and foot brake.
Wheels—Steel disc, ball bearing, with rubber tires.
Finish—Frame, fork and foot board red; fenders, red with white trim; wheels, white with red striping.



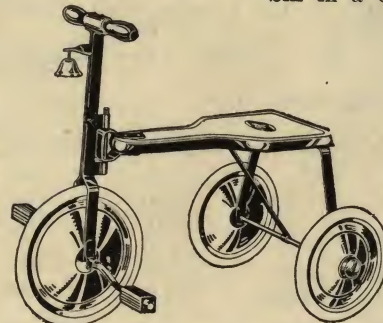
No. 31—6x15½ in. seat board, 7¾ in. high to seat board, 4½ in. wheels, ½ in. tires; weight each 5 lbs.\$2.30
Four in a carton.

Cross Handle—Wooden. Steel gear.
Wheels—Disc, with rubber tires.
Finish—Green seat board and wheels. Cream gear and handle.



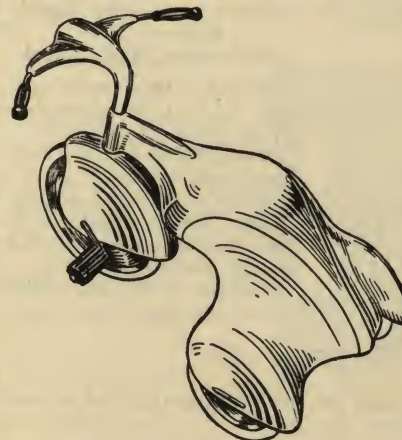
No. 35—7¼x10½ in. seat board, 11 in. high to seat board, 8 in. front wheel, 5½ in. rear wheels; ½ in. tires; weight each 7 lbs.\$2.70
Six in a carton.

Handle Bar—Velocipede type with rubber grips and bell.
Wheels—Disc, with rubber tires. Nickel plated hub caps.
Pedals—Rubber.
Finish—Bright green seat board and wheels. Cream fork and gear.



No. 37—7x14 in. seat board, 11 in. high to seat board, 8 in. front wheel, 7 in. rear wheels, ⅝ in. rubber tires; weight each 8 lbs.\$3.90
Three in a carton.

Cross Handle—Wooden. Bell. Steel gear.
Wheels—Disc, with rubber tires. Nickel plated hub caps.
Pedals—Rubber.
Finish—Red seat board and wheels. Cream gear and handle. Cream stripe on wheels.



No. 45—22 in. long over all, 10¼ in. seat board, 8 in. front wheel, 5 in. rear wheels, ½ in. tires; weight each 9 lbs.\$3.20
Three in a carton.

Handle Bar—Stamped and formed from one piece. Streamlined. Rubber grips.
Wheels—Steel disc, with rubber tires.
Pedals—Block rubber.
Body—Formed and drawn from one-piece sheet steel. No seams, joints or welds. Comfortably contoured at seat, and gracefully streamlined to rear, forming teardrop style fenders over rear wheels. Streamlined fender over front wheel.

Finish—Indian red wheels, seat and handle bar. Cream fenders front and rear.

VELOCIPEDES



¾ in. Auto Tread Rubber Tires
Frame—Half oval steel. Extra wide rear axle.
Handle Bar—Stationary, with rubber grips.
Saddle—Steel, adjustable.
Pedals—Block rubber.
Finish—Silk green frame and fork. Red wheels and saddle top.

Nos.	700	701	702
Front wheel, in.	12	16	20
Rear wheels, in.	8	10	14
Weight per box, lbs.	40	45	57
Each	\$5.30	6.50	8.00

Three in a box.



Tubular
Ball Bearing Front Wheel
¾ in. Auto Tread Rubber Tires
Frame—High grade tubing ⅞ inch in diameter. Flush joint construction.
Fork—With half oval steel fork sides.
Wheels—Riveted spokes. Front wheel revolves in ball bearing cones. Nickel plated hub caps.
Saddle—Steel. Adjustable.

Handle Bar—Enameled, with rubber grips.
Pedals—Block rubber.
Finish—Cameo cream with red wheels, red handle bar and red saddle top.

Nos.	720	721	722
Front wheel, in.	12	16	20
Rear wheels, in.	8	10	14
Weight per carton, lbs.	32	38	46
Each	\$6.50	7.70	9.00

Two in a carton.



Ball Bearing Front Wheel 1 in. Auto Tread Rubber Tires
Streamline Mud Guard
Frame—High grade tubing, ⅞ inch diameter. Flush joint construction.
Fork—With half oval steel fork sides.
Wheels—Riveted spokes. Front wheel revolves in ball bearing cones. Nickel plated hub caps.
Saddle—With red molded saddle top.

Mud Guard—Streamlined.
Handle Bar—Enameled, with rubber grips.
Pedals—Block rubber.
Finish—Red frame, fork and fender with cream wheels and wide cream stripe down center of fender.

Nos.	730	731	732
Front wheel, in.	12	16	20
Rear wheels, in.	8	10	14
Weight per carton, lbs.	20	23	29
Each	\$8.50	9.50	11.00

One in a carton.

VELOCIPEDES



Ball Bearing Front Wheel, 1 in. Auto Tread Rubber Tires
Streamline Front and Rear Mud Guards
Frame—High grade tubing, ⅞ inch diameter. Flush joint construction.

Fork—With half oval steel fork sides.

Wheels—Riveted spokes. Front wheel revolves in ball bearing cones. Nickel plated hub caps.

Saddle—With green molded saddle top.

Handle Bar—Enameled, with rubber grips.

Pedals—Block rubber.

Finish—Silk green with cream striping on mud guards. Cream wheels.

Nos.	740	741	742
Front wheel, in.	12	16	20
Rear wheels, in.	8	10	14
Weight per carton, lbs.	20	23	29
Each	\$10.00	11.00	12.50

One in a carton.



"Fire Chief"
With Siren and Gong Bell
1 in. Auto Tread Rubber Tires
Streamlined Mud Guard
Frame—High grade tubing. Flush joint construction. Rear steps.

Fork—Bicycle type with curved fork sides.

Wheels—Riveted spokes. Front wheel revolves in ball bearing cones. Nickel plated hub caps.

Saddle—Streamline comfort saddle with newly designed red molded top.

Siren—High speed, attached to handle bar.

Gong Bell—Large nickel plated bell attached to mud guard. Equipped with bell chain to handle bar.

Handle Bar—Nickel plated bicycle type with forward extension. Adjustable. Bicycle type rubber grips.

Pedals—Standard rubber pedals.

Finish—Fire Chief red with fancy white head and white striping.

Nos.	781	782
Front wheel, in.	16	20
Rear wheels, in.	10	14
Weight per carton, lbs.	29	33
Each	\$13.00	14.50

One in a carton.



Ball Bearing Front Wheel, 1 in. Auto Tread Rubber Tires, Streamline Mud Guard
Frame—High grade tubing. Flush joint construction. Rear steps.

Fork—Tubular. With retained ball bearings, eliminating bolts, nuts and clips.

Wheels—Full ball bearing with nickel plated hubs and rust-proof tangent spokes. Nickel plated hub caps.

Saddle—Streamline comfort saddle with newly designed red molded top.

Handle Bar—Nickel plated bicycle type with forward extension. Adjustable. Bicycle type rubber grips.

Pedals—Standard rubber; nickel plated cranks.

Finish—Indian red with fancy white head and white striping.

Nos.	1711	1712
Front wheel, in.	16	20
Rear wheels, in.	10	14
Weight per carton, lbs.	28	34
Each	\$15.50	17.00

One in a carton.

RACE CYCLES

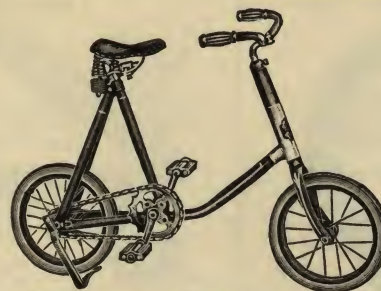


1 in. Rubber Tires
Frame—Bicycle tubing.
Wheels—Riveted spoke, plain bearing with rubber tires.
Saddle—Streamline comfort saddle with molded red top.
Finish—Indian red with fancy white head and white striping.

Equipment—Adjustable nickel plated handle bar with forward extension. Rubber grips. Bicycle type chain and sprocket. Adjustable seat post. Rubber pedals. Ball bearing crank hanger with nickel plated cranks.

- Each
No. 91—Boys', with top bar; 42 in. long, 27 in. high, leg length (saddle to pedals) 20 to 23 in., 12 in. wheels, 1 in. tires, weight each 35 lbs.\$17.50
No. 90—Girls', without top bar; otherwise the same as No. 91; weight each 30 lbs. 16.50
 One in a carton.

RACE CYCLES



1 In. Rubber Tires
Frame—Bicycle tubing.
Wheels—Tangent spoke, ball bearing, with rubber tires.
Saddle—Streamline comfort saddle with molded red top.
Finish—Indian red with fancy white head and white striping.

Equipment—Adjustable nickel plated handle bar with forward extension. Rubber grips. Bicycle type chain and sprocket. Adjustable seat post. Rubber pedals. Ball bearing crank hanger with nickel plated cranks.

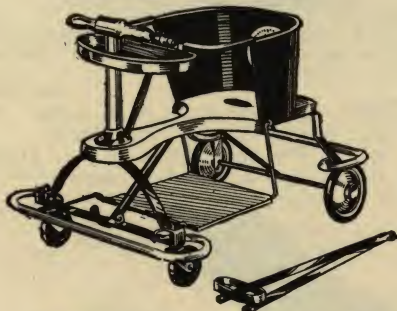
- Each
No. 92—Girls', without top bar; 42 in. long, 27 in. high, leg length (saddle to pedals) 20 to 23 in., 12 in. wheels, 1 in. tires; weight each 30 lbs.\$19.00
No. 95—Boys', with top bar; otherwise the same as No. 92; weight each 35 lbs. 20.00
 One in a carton.

BABY BIKES



Detachable Folding Pull Handle
Body—Steel perforated back.
Wheels—Rear, 4½x½ in. rubber tires. Front, rubber composition, swivel type casters.
Finish—Pastel green seat back, gear and handle. Cream seat board, post, cross handle and rear wheels. Each
No. 122—20x8½ in. seat board, 9 in. high to seat board; weight each 11 lbs.\$4.00
 Three in a carton.

BABY BIKES



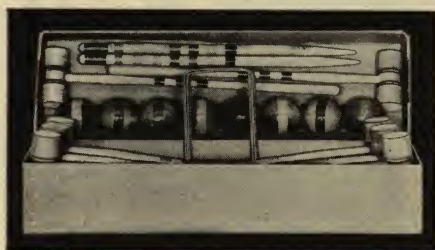
Detachable Folding Pull Handle
Body—Steel perforated back. Rubber covered bumpers. Detachable metal foot rest. Metal play tray with colored beads.
Wheels—Rear, 4½x½ in. rubber tires. Front, rubber composition, swivel type casters.
Finish—Baby blue with cream seat board, cream perforations, post and rear wheels. Each
No. 124—20x8½ in. seat board, 9 in. high to seat board; weight each 15 lbs.\$5.50
 Three in a carton.

BABY BIKES



With Detachable Push Handle
Body—Steel perforated back. Rubber covered bumpers. Metal play tray with colored beads. Detachable metal foot rest.
Wheels—Rear, 4½x½ in. rubber tires. Front, large swivel type, rubber tired.
Finish—Tan with cream seat board, cream perforations, post and wheels. Each
No. 126—20x8½ in. seat board, 9 in. high to seat board; weight each 17 lbs.\$7.00
 Three in a carton.

CROQUET SETS



The Cape Cod

Rock maple balls, 3¾ in. diam.; ⅞ in. stakes; painted and varnished; plain beaded 5 in. mallet heads with ⅞x26 in. beaded handles; 9 wire arches.
 Per set
No. 6—Four ball set; weight per set 8½ lbs.\$2.70
 One set in a strong fibre box.

CROQUET SETS

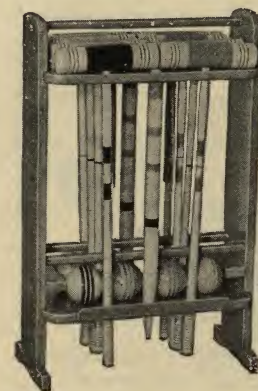


The Cape Cod

These sets are the same as No. 6 except put up in a rack, 3¾ in. balls, ⅞ in. stakes, 5 in. mallet heads, ⅞x26 in. handles; painted and varnished; wire arches.

- Per set
No. 80—Eight ball set; weight per set 23 lbs.\$6.50
No. 70—Six ball set; weight per set 18 lbs. 5.40
No. 60—Four ball set; weight per set 14 lbs. 4.00
 One set in a plain wood rack.

CROQUET SETS



The Hollywood

3¾ in. balls; 2⅞ x 8½ in. beaded and banded mallet heads, with ⅞ x 26 in. beaded and striped handles 1¼ in. plain stakes; all parts varnished; 9-gauge arches.

- Per set
No. 5½—Six ball set; weight per set 23 lbs.\$8.00
No. 5—Four ball set; weight per set 18 lbs. 6.30
 One set in a bright red wood rack.

PITCHING HORSESHOES

EAGLE RINGER



Drop forged from special Diamond horseshoe steel.

Weight each $2\frac{1}{2}$ lbs.

Per pair

No. A—Silver finish\$2.50

No. B—Bronze finish 2.50

One pair in a box.

BLUE DIAMOND OFFICIAL



Drop forged from tough steel and heat treated so they will not chip or break.

Conform exactly to regulations of the National Horseshoe Pitchers Association.

Weight each, lbs. $2\frac{1}{2}$

Per pair\$1.60

One pair in a box.

PITCHING HORSESHOE STAKES

DIAMOND OFFICIAL

Made of steel, pointed. Painted black in ground. Top 10 inches white aluminum.

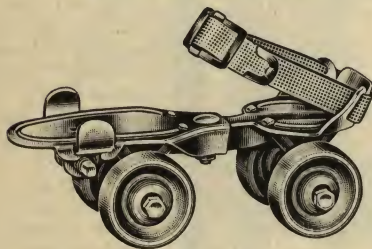
Per pair

No. 27—27 in. long, 1 in. diam.; wt.

per pair 11 lbs.\$....

ROLLER SKATES

"KEES" JUVENILE



Deep channeled truss. Ball bearing rolls. Non-oscillating wheel trucks. Screw toe clamps. Web heel straps. Polished finish (not plated).

Per pair

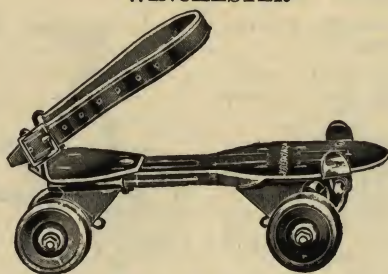
No. 1430—Extends from $6\frac{3}{4}$ to 8

in.; weight per pair $3\frac{1}{4}$ lbs...\$1.50

One pair in a package.

ROLLER SKATES

WINCHESTER



Universal—Boys' and Girls'

A skate of remarkably high quality at a low price. Combines exceptional quality and utility with a price appeal that makes this skate a universal favorite for both boys and girls. Modified girder design with foot plate and extension in one piece. Chassis bright steel finish. Winchester maximum mileage double row ball bearing roll. Free wheeling.

Per pair

No. 3631—Extends from $7\frac{3}{4}$ to $10\frac{1}{4}$

in., clamps extend from $2\frac{3}{8}$ to

$3\frac{1}{2}$ in.; wt. per pair $3\frac{3}{4}$ lbs....\$1.90

One pair in a package, one dozen pairs in a carton.

Universal—Boys' and Girls'

Full size, modified girder type.

Fitted with double tread, single ball bearing rolls, oscillating trucks and leather straps. Bright finish.

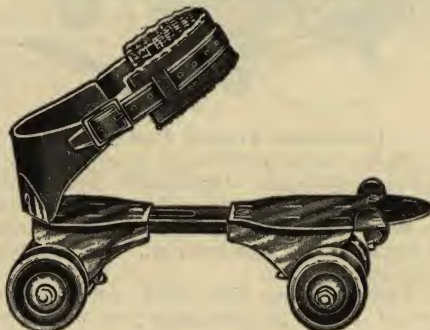
Per pair

No. 3535—Extends from 8 to $10\frac{1}{2}$

in., clamps extend from $2\frac{1}{8}$ to

$3\frac{1}{2}$ in.; wt. per pair 4 lbs.\$1.60

One pair wrapped in paper.



Girls'

Reinforced girder frame. Chassis nickel plated with heel and foot plate buffed bright. Live rubber shock absorbers on each truck. Winchester maximum mileage double row ball bearing rolls. Free wheeling. Best quality tanned leather heel strap.

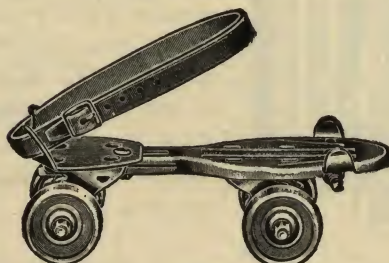
Per pair

No. 3832—Extends from $8\frac{1}{4}$ to $10\frac{3}{4}$

in., clamps extend from $2\frac{3}{8}$ to

$3\frac{1}{2}$ in.; wt. per pair $4\frac{1}{2}$ lbs...\$3.50

One pair in a box, one dozen pairs in a carton.



Boys'

Same general construction as No. 3832 but without leather heel strap.

Per pair

No. 3831—Extends from $8\frac{3}{8}$ to 11

in., clamps extend from $2\frac{3}{8}$ to

$3\frac{1}{2}$ in.; wt. per pair $4\frac{1}{2}$ lbs...\$3.30

One pair in a box, one dozen pairs in a carton.

ROLLER SKATE ROLLS

UNION



Steel, self-contained ball bearings.

For Nos. 4, 5, 6, 130 and 130L skates.

Per dozen

No. S.C.B. — Wt.

per doz. $2\frac{3}{4}$ lbs.\$2.40

Open stock.



Pressed steel, self-contained ball bearings. Solid one-piece tread. Hard steel bearing balls run in double races on a one-piece hardened steel cone.

Interchangeable with practically all makes of skates.

Per dozen

No. 10299— $1\frac{7}{8}$ in. diam., $\frac{1}{4}$ in.

tread, fits standard $\frac{1}{4}$ in. axle;

wt. per dozen $3\frac{1}{2}$ lbs.....\$1.50

Open stock.

SKATE KEYS

Will Fit Practically All Makes of Ice and Roller Skates



Bright finish malleable iron.

Per dozen

No. 201—Weight per dozen 8 ozs...\$0.70

Open stock.



Bright finish steel.

Per dozen

No. 202—Weight per dozen 6 ozs...\$0.60

Open stock.

ROLLER SKATE REPAIRS

UNION



No. 110 Axle



No. 18

No. 9

No. 10



No. 16

No. 17

Nos. 1 and 2

For Union Ball Bearing Skates

Per dozen

No. 1—Outside toe clamp.....\$0.84

No. 2—Inside toe clamp84

No. 9—Axle nut24

No. 10—Axle nut washer10

No. 16—Adjustment binding bolt... .14

No. 17—Adjustment binding bolt nut .14

No. 18—Toe clamp adjust. screw... .30

No. 110—Axle84

Note—In ordering parts, specify skate number.

SKATING OUTFITS

ALFRED'S ROYAL



(Hockey Model Illustrated)

A skate made of fine quality steel attached to a high grade shoe. Runner of high carbon steel, diamond tested, and has keen, lasting edge.

Shoe is of full grain, high quality leather, with natural oak finish bottom sole. Reinforced inside with tightly woven, non-elastic webbing, to prevent stretching. Large nickel plated eyelets and full felt-lined tongue.

Men's and Boy's

Shoe sizes 1 to 12. Not made in half sizes.

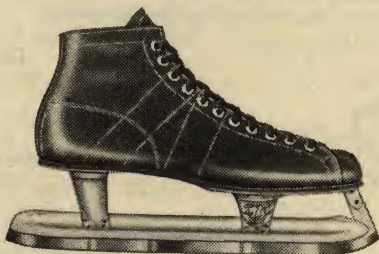
	Per pair
No. R1A—Racing model, aluminum finish	\$7.50
No. R1N—Racing model, nickel plated	8.50
No. R2A—Hockey model, aluminum finish	7.50
No. R2N—Hockey model, nickel plated	8.50
Average weight per pair 3½ pounds.	

Ladies' and Girls'

Shoe sizes 1 to 9. Not made in half sizes.

	Per pair
No. R3A—Racing model, aluminum finish	\$7.50
No. R3N—Racing model, nickel plated	8.50
No. R4A—Hockey model, aluminum finish	7.50
No. R4N—Hockey model, nickel plated	8.50
Average weight per pair 3½ pounds.	

NATIONAL WIZARD



(Hockey model illustrated)

Skates of high quality construction, with runners of hardened tool steel. High grade leather shoe, reinforced with webbing on both uppers and heels of shoes.

Men's and Boy's

Shoe sizes 1 to 12. Not made in half sizes.

Aluminum finish

	Per pair
No. W100—Racing model	\$7.00
No. W200—Hockey model	7.00
Average weight per pair 3½ lbs.	

Ladies' and Girls'

Shoe sizes 1 to 9. Not made in half sizes.

Aluminum finish

	Per pair
No. W300—Racing model	\$7.00
No. W400—Hockey model	7.00

Average weight per pair 3½ pounds.

All above, one pair in a box.

ICE SKATES

UNION



Men's Screw Clamp

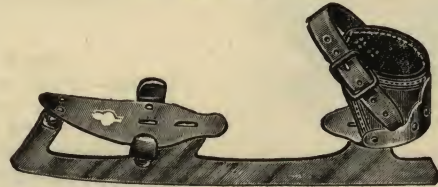
Top plates and clamps made from best quality cold rolled steel. Runners made of fine quality steel, polished.

Furnished in sizes 8½, 9, 9½, 10, 10½, 11, 11½ and 12.

Per pair

No. 1624—Wt. per pair 2 lbs.\$1.90

One pair in a box.



Ladies' Screw Clamp

Russet leather back and strap. Top plates and clamps made from best quality cold rolled steel. Runners made of fine quality steel, polished.

Furnished in sizes 8½, 9, 9½, 10 and 10½.

Per pair

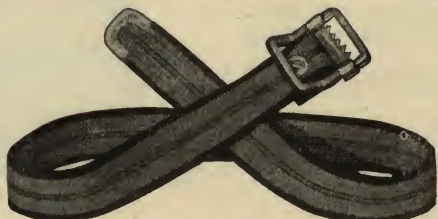
No. 5624—Wt. per pair 2½ lbs.\$2.50

One pair in a box.

Note—When ordering above skates, be sure to specify size wanted.

SKATE STRAPS

U-T-K



Heavy, Attractive, Striped Webbing

Equipped with nickeled positive grip; quick release buckle securely riveted to webbing; nickel metal tip; stronger, more practical than leather and wear longer.

Twelve pairs, wired and folded in pairs are mounted on an attractive easel back display card.

Per card

No. 1010—Each strap ½ in. wide; 20 in. long; weight per card 1 lb.\$2.40

One card in an envelope.

ICE CREEPERS

UNION



Made of nickel plated steel and fitted with web strap.

Per doz. pairs

Union — Wt.

per dozen

½ lb.\$3.20

One dozen

pairs in a box.

SKATE SHARPENERS

UNION



Bright polished steel holder.

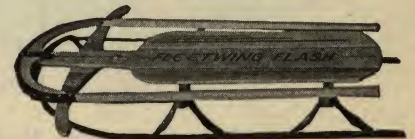
Per dozen

No. 1—With four sided file; wt. per dozen 2 lbs.\$4.20

One in a box.

STEERING SLEDS

FLEETWING FLASH



Spring Steel Grooved Runners

Form Fitting Concave Top

6 in. High, 13½ in. Wide

Top of white Northern Ash, natural finish ornamented in red. Runners finished in high lustre red enamel. All other steel parts green enameled.

Top does not turn with runners. Wood side rails full length of sled. Front bumper construction rigid with side rails. Underslung steering construction.

Nos.	241	246	252
Length, in.	41	46	52
Knees	4	4	6
Wt. bdle., lbs.	20	25	29
Each	\$4.20	4.90	5.50

Two in a bundle.

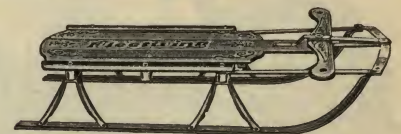
DRAKE FLEETWING

Spring Steel Grooved Runners.

All Steel Front, Form Fitting Tops.

Stream-line design, up to the minute in style. Form fitting concave top tilts slightly towards rear. Wood parts made of only whitest Northern ash; runners are high carbon spring steel.

Tops are natural with special weather-resisting varnish finish, ornamented in red and green; red enameled runners; green enameled steel front striped in yellow.



Four Knees, 6 in. High

Nos. 30 and 32 do not have set-back steering bar.

Nos.	30	32	36	40	45
Lgth., in.	30	32	36	40	45
Width, in.	11½	12	13½	13½	13½
Wt. bdle., lbs.	12	14	17	19	24
Each	\$1.74	2.10	2.50	2.80	3.40

Two in a bundle.



Racer, Six Knees, 6 in. High

Nos.	51	56
Length, in.	51	56
Width, in.	13½	13½
Wt. bdle., lbs.	28	29¾
Each	\$4.00	4.60

Two in a bundle.

BICYCLES SCHWINN-BUILT



Men's De Luxe Cycleplane—With Balloon Tires

Frame—16 or 18 inch double bar—entirely new, low, streamlined design.

Tires—26x2½ in. cord balloon.

Tank—New, wider, rounded—with new frame, it gives low sweeping lines of motorcycle design. Ample room for tool storage and clips for holding battery.

Saddle—Padded bucket type.

Handlebars—Chromium braced, large rubber grips.

Pedals—Highest grade rubber.

Guards—Streamlined automobile type, enameled to match and beautifully striped.

Rims—Deep drop center, chromium finish.

Coaster Brake—New Departure.

Chain and Guard—½x½ inch pitch chain of highest grade. Chromium plated guard—does away with danger of accident to fingers or clothing in sprockets or chain.

Luggage Carrier—Welded steel, special design.

Electrical Equipment—Chromium plated headlight and horn. Headlight switch conveniently located on top of tank and horn button on right handlebar.

Color—Standard, black with ivory trim; optional, red with ivory trim. Each

No. 35 De Luxe—Weight each 76 lbs.\$65.50



Ladies' De Luxe Cycleplane—With Balloon Tires

Same as No. 35 De Luxe except for following specifications:

Frame—18 or 20 inch with truss fork.

Saddle—Ladies', padded.

Handlebars—Chromium finish, with rubber grips.

Pedals—Ladies', high grade.

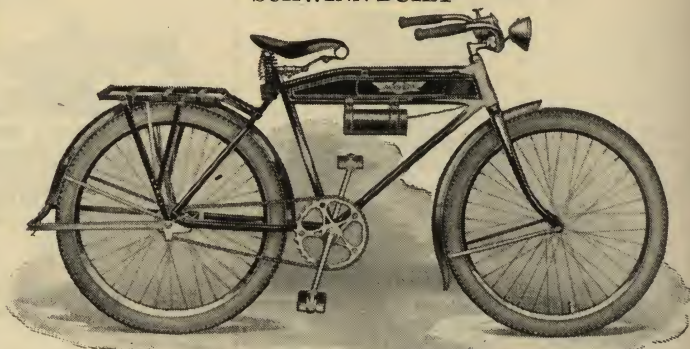
Electrical Equipment—Chromium plated headlight and horn receive their current from batteries in the new type battery box fitted between rear guard and frame.

Color—Standard, black with ivory trim; optional, red with ivory trim or blue with ivory trim. Each

No. 335 De Luxe—Weight each 70 lbs.\$63.00

Note—When ordering, be sure to specify color combination wanted.

BICYCLES SCHWINN-BUILT



Men's Motorbike—With Balloon Tires

Frame—18x22 or 20x24 inches.

Tires—26x2½ cord balloon.

Saddle—Padded bucket type.

Handlebars—Chromium finish, large rubber grips.

Pedals—High grade rubber.

Guards—Enameled to match.

Rims—Deep drop center, chromium finish.

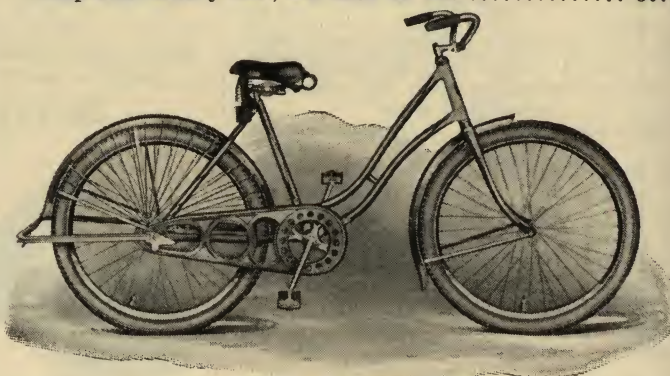
Color—Standard, black with red trim; optional, red and white or blue and white.

Coaster Brake—New Departure.

Equipment—Tank, carrier, lamp, battery box. Each

No. B10EC—Weight each 70 lbs.\$56.00

No. B9C—Same as No. B10EC but without tank, carrier, lamp and battery box; wt. each 60 lbs. 50.00

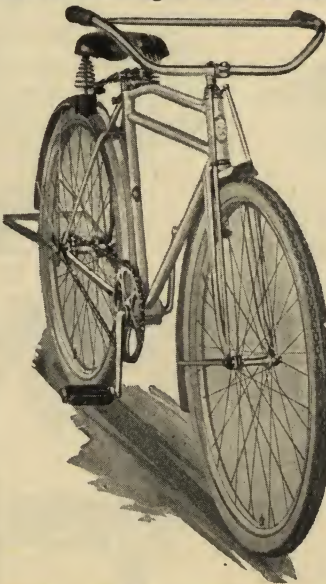


Ladies'—With Balloon Tires

Same as No. B9C except for following specifications:

Frame—18 in. **Saddle**—ladies' padded. **Pedals**—Ladies', high grade. Each

No. B3C—Weight each 65 lbs.\$51.50



Men's Motorbike

With High Pressure Tires

Frame—19x22 inches, with truss fork.

Tires—28x1½ inches.

Saddle—Padded bucket type.

Handlebars—Chromium braced, with large rubber grips.

Pedals—High grade rubber.

Guards—Enameled to match. **Rims**—Armored chromium finish.

Color—Red with white head, blue with white head, or black with red head.

Coaster Brake—New Departure.

Each
No. 9—Weight each 60 lbs.\$45.00

RUBBER CEMENT DUTCH BRAND



The best cement for patching inner tubes. Also suitable for general rubber repair work on rubber boots and shoes, rubber gloves, hot water bottles, rubber raincoats, rubber blankets, etc.

Made from pure para rubber, scientifically compounded with a special solvent.

No. 7711— $\frac{3}{4}$ x 4 in. tubes; weight per dozen 1 lb. \$1.20
One dozen in a display carton.

TIRE FLUID DUTCH BRAND

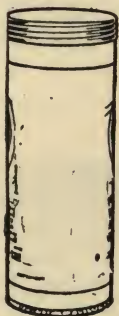


For Bicycle Tires

Stops leaks in single tube bicycle tires, automatically seals porous tires, closing all punctures. Screw nozzle of tube fits into valve and fluid is forced into tire.

Dutch Brand—4 oz. tubes, $1\frac{1}{4}$ x 7 in.; wt. per dozen $6\frac{1}{2}$ lbs. \$2.10
One dozen tubes in a display box.

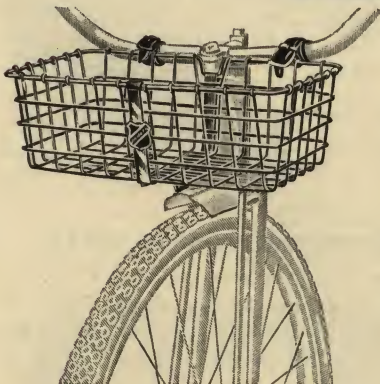
TUBE REPAIR KITS OLD FAITHFUL



A handy repair kit containing patching rubber, tube of cement and a buffer.

Old Faithful—Contains 24 in. of red patching rubber, one tube of cement and a buffer; weight per dozen 3 lbs. \$1.60
One dozen in a carton.

BICYCLE BASKETS ANDROCK



Strong and smooth, fasten securely, cannot mar finish, level carrying, good looking.

Electrically welded wherever one wire crosses another. Equipped with new patented adjustable level-carrying brace and strap for fastening to handle bar.

	Small	Medium
Nos.	240	241
Size, in.	13x8x4 $\frac{3}{4}$	15x10x4 $\frac{3}{4}$
Weight per dozen, lbs.	17	21
Per dozen	\$13.50	15.00

One dozen in a carton.

OXIDITE STORAGE BATTERIES



Every Oxidite battery is a power unit—dependable, efficient, and as perfect as it is possible to make. Only the best of materials are used in Oxidite batteries. Each step of manufacture is carefully supervised and inspected so that the name Oxidite means to the motorist the best battery on the market.

Containers are genuine hard rubber; separators are selected Port Orford Cedar; Plates are hand-pasted. Standards of manufacture are high and rigidly maintained.

The user of an Oxidite battery receives a trouble-free and dependable performance over a long period of time.

Nos.	M3	O1	O2	H1-15	P1
Plates per cell.....	19	15	17	15	13
Adjustment period, mo.....	24	18	18	15	3
Amps. for 20 min.....	165	120	137	115	80
20 hour rate, amp. hours.....	140	95	104	90	65
Length, in.	11 $\frac{5}{8}$	9	10 $\frac{1}{4}$	9	9
Width, in.	7	7	7	7	7
Height, in.	9 $\frac{1}{2}$	9	9	9	9
Weight each, lbs.	63	43	49	44	37
Each	\$23.70	10.50	14.10	9.90	5.96

RADIO—6 VOLT

Special constructed plates for radio. Maximum life and performance accomplished with heavy plates; hand pasted with special oxides which avoids frequent recharges and gives longer life. Hard rubber container.

No. 401—9 in. high, 7 in. wide, 10 $\frac{1}{2}$ in. long, 160 amp. hour capacity; weight each 49 lbs. \$15.12

RADIO—2 VOLT

For replacement of air cells or other 2-volt batteries used in radios equipped with 2-volt tubes. Special constructed plates and special oxides to insure long life and economy of operation. Hard rubber container.

No. 417—8 $\frac{3}{4}$ in. high, 7 $\frac{1}{2}$ in. long, 4 $\frac{1}{2}$ in. wide, 195 amp. hour capacity; weight each 21 $\frac{1}{2}$ lbs. \$6.80

A. C. SPARK PLUGS



Regular



Universal



Titan

Regular—These types make it possible for factory engineers to select the type which will give maximum efficiency in either high or low compression engines and under any operating conditions.

Universal—Specially designed for universal use. Now, it is possible for the dealer who cannot carry the AC "heat range" line because of the investment required and the lack of volume on all types, and who does a limited spark plug business on a wide variety of cars, to stock the Universal types and satisfactorily service the great majority of cars.

Titan—Wide heat range; fit practically all cars. Specially designed for general use and priced to serve the lower priced plug market.

	Manufacturers' List Each
Regular Line	\$0.60
Universal Line .....	.60
Titan Line .....	.45

Note—We carry a complete line of spark plugs. When ordering, specify style, number and for what car used.

MANSFIELD TIRES

BALLOON 4 PLY



Treads are wider, thicker, deeper cut—for better traction and braking and maximum non-skid. Tread rubber of Duromix—tough, long wearing, heat and age resisting. Fabric of selected long fibre cotton, stronger, tougher, safer—each cord insulated in new, live, heat-resisting rubber. Beads of high tensile piano wire—won't stretch or break. Extra tough side walls to resist curb and rub wear and protect against blow-outs.

Size	Wt. each, lbs.	Each
29x4.40-21	15 $\frac{3}{8}$	\$7.80
29x4.50-20	15 $\frac{3}{8}$	8.25
30x4.50-21	16 $\frac{1}{8}$	8.60
28x4.75-19	17 $\frac{1}{8}$	9.10
29x5.00-19	18 $\frac{1}{8}$	9.75
30x5.00-20	19 $\frac{1}{8}$	10.10
27x5.25-17	19 $\frac{1}{8}$	10.50
28x5.25-18	20 $\frac{1}{8}$	10.85
27x5.50-17	21 $\frac{1}{8}$	11.90
29x5.50-19	24 $\frac{1}{8}$	12.45
28x6.00-16	22 $\frac{1}{4}$	13.25

HEAVY DUTY TRUCK CORD



Treads are extra wide, deep and tough for maximum traction, braking and non-skid. Tread rubber specially compounded to resist heat and wear. Carcass built for heavy loads and high speeds—selected long staple cotton—each cord rubber covered—extra rubber between plies, Sidewalls built to resist curb and rut wear and blowouts. Double bead of extra strength non-stretchable steel piano wire. Extra heavy cushion of pure gum rubber, cotton reinforced.

Size	Piles	Wt. each, lbs.	Each
30x5	8	41 $\frac{3}{4}$	\$23.65
32x6	10	67 $\frac{7}{8}$	40.25

Note—The above sizes make up 80% of all tire sales. Other sizes can be furnished.

MANSFIELD TIRES

PIONEER BALLOON 4 PLY



For those who desire dependable tire service at low first cost, this tire offers maximum value. Fully up to accepted standards in size, in carcass strength and wearing qualities of the tread. Good materials and workmanship make this tire a reliable and economical replacement casing.

Size	Wt. each, lbs.	Each
29x4.40-21	14 $\frac{1}{2}$	\$6.65
29x4.50-20	14 $\frac{3}{8}$	7.05
30x4.50-21	15 $\frac{1}{8}$	7.35
28x4.75-19	16 $\frac{1}{8}$	7.75
29x5.00-19	17 $\frac{1}{8}$	8.30
30x5.00-20	18 $\frac{1}{8}$	8.60
27x5.25-17	17 $\frac{3}{8}$	8.95
28x5.25-18	18 $\frac{1}{8}$	9.25
27x5.50-17	19 $\frac{1}{8}$	10.15

PIONEER HIGH PRESSURE

Long mileage and dependability built into these tires. All tires in this line full 10 per cent oversize.

Size	Wt. each, lbs.	Each
30x3 $\frac{1}{2}$ C1	13 $\frac{1}{4}$	\$5.95

PIONEER TRUCK

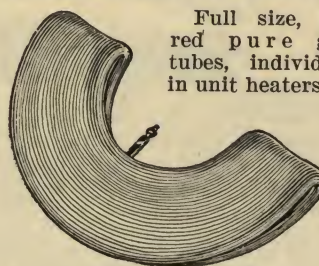


Economical and dependable tires for lighter trucks and buses. For low initial cost, these tires give full value in mileage and safety. Treads provide ample traction and safety, and carcass is made to stand up under all light truck service.

Size	Piles	Wt. each, lbs.	Each
30x5	8	41 $\frac{1}{8}$	\$20.70
32x6	10	67 $\frac{1}{8}$	35.20

MANSFIELD TUBES

PIONEER AND CARDINAL BALLOON



Full size, full molded red pure gum rubber tubes, individually cured in unit heaters.

Can be used in tires mounted on either flat or drop center rims. Valves molded into double reinforced bases.

Group	Size	Wt. Ea., Lbs.	Pioneer Balloon Each
A20	4.40-20	2 $\frac{1}{4}$	\$1.70
	4.50-20		
	4.75-20		
A21	4.40-21	2 $\frac{1}{4}$	1.80
	4.50-21		
	4.75-21		
B17	4.75-19	2 $\frac{7}{8}$	1.70
	5.00-17	2 $\frac{5}{8}$	1.95
	5.25-17	2 $\frac{3}{4}$	2.00
B19	5.25-18		
	4.75-19		
B20	5.00-19	2 $\frac{7}{8}$	2.00
	5.25-19	3 $\frac{1}{8}$	2.05
	5.00-20		
B21	5.25-20		
	5.00-21	3 $\frac{1}{8}$	2.20
	5.00-22		
C16	5.25-21		
	6.00-16	3 $\frac{1}{4}$	2.35
C17	6.25-16	3 $\frac{1}{2}$	2.35
	5.50-17		
	6.00-17		
C18	5.50-18	3 $\frac{1}{4}$	2.45
	6.00-18		
	5.50-18		
C19	6.00-19	3 $\frac{1}{4}$	2.50
	5.50-18		

PIONEER HIGH PRESSURE

Size	Wt. each, lbs.	Each
30x3 $\frac{1}{2}$	1 $\frac{3}{4}$	\$1.40

MANSFIELD TRUCK

Mansfield heavy duty truck tubes are made of special black stock developed to resist heat caused by heavy loads and high speeds. They are cured tire-shape to exact size and fit tires without buckling or wrinkling.

Group	Size	Wt. each, lbs.	Each
CT20	30x5	5	\$3.95
	32x6	7 $\frac{3}{4}$	6.10

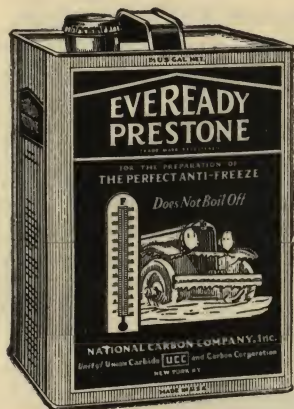
MANSFIELD PIONEER TRUCK

Made of black, heat-resisting rubber to stand strain of carrying heavy loads at high speeds. Valves vulcanized into reinforced heavy base—leak-proof.

Group	Size	Wt. each, lbs.	Each
CT20	30x5	4 $\frac{5}{8}$	\$3.00
	5.50-20		
	6.00-20	7	4.60
	32x6		

ANTI-FREEZE SOLUTIONS

EVEREADY PRESTONE



The Perfect Anti-Freeze

A concentrated chemical compound which possesses all the properties which the National Bureau of Standards has declared essential for a safe anti-freeze.

It contains no alcohol or glycerine. It contains nothing that can damage a cooling system. In fact Eveready Prestone protects the cooling system from the corrosive action of water and prevents the formation of rust. It is entirely distinctive, absolutely safe and should not be confused with any other anti-freeze.

Size can	1/2 gal.	1 gal.
Cans in case	12	6
Wt. case, lbs.	72	70
Per gallon	Factory lists \$2.75 2.70	

DENATURED ALCOHOL

AMERICAN



This inexpensive and very efficient liquid, in proper solutions, will help to keep the car running in the severest weather. It has no harmful effects and requires no skill in mixing.

Treated to prevent rust and retard evaporation.

188° Proof

Size container	5 gal. cans	54 gal. drums
Per gallon	\$ Market	Market

POLISHING CLOTHS

LAS-STIK



The softest of materials is impregnated with a special chemical compound that absorbs the dust and polishes as it cleans. It is a safe dust cloth—cannot scratch the surface, but leaves it dry and free from any oily film. Can be used with absolute safety on Duco and other lacquers, furniture, floors, musical instruments and all other glossy or dull finished surfaces.

No. PC-15—15x27 in., overedged; wt. per carton 4 lbs.	Each
One in a red and blue lithographed metal can.	\$0.40
One dozen in a display carton.	

GOGGLES

PROTEKTOSITE



Clear transparent celluloid frames, edged with rayon chenille. Nickel plated brass, flexible center hinge. Elastic head band with adjustable slides.

No. 1934—Weight per dozen 5/8 lb.	Per dozen
One dozen in a display carton.	\$3.00

GOGGLE ASSORTMENTS

PROTECT-IZE



Frame of Zylonite composition.

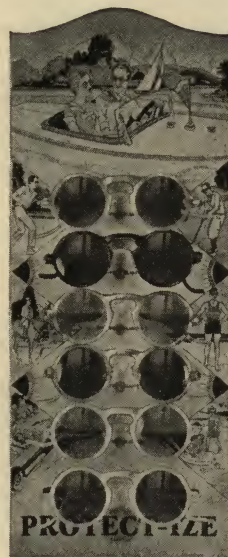
Micoquille (slightly curved) lenses in four different colors—5 smoke, 3 amber, 2 fieuzal and 2 blue.

Contents of Assortment:

- 6—Saddle bridge black frames.
- 6—Bar bridge black frames, with nose pads.

	Per assortment
No. 425—Wt. per assortment 1½	
lbs.	\$4.00

One assortment in a carton.



Here is the very latest idea in sun glasses at a price that makes them exceedingly popular.

Frames of colored Zylonite composition, bar bridge style, with comfortable nose pads.

All dark smoke lenses.

Contents of Assortment:

- 6—White frames, mounted in back of display card.
- 6—Colored frames; one each red, yellow, white, green, orange, and blue, mounted on front of display card.

	Per assortment
No. 102—Weight per assortment	
1½ lbs.	\$6.70

One assortment in a carton.



Frames of Zylonite composition, wide vision lenses and white metal crest bridge.

Lenses in four different colors—5 smoke, 3 amber, 2 fieuzal and 2 blue.

Contents of Assortment:

- 6—Mottled frames.
- 6—Crystal frames.

Six goggles mounted on display card and six in bulk.

No. 31—Weight per assortment 3 lbs.	Per assortment
	\$9.00

One assortment in a carton.

MAIL ORDERS

Our Mail Order Department is equipped for Rush Service and all orders are given prompt and careful attention and billed at the lowest prevailing market prices.

ELECTRIC VACUUM CLEANERS

BEE VAC



Motor Driven Brush
Two Year Guarantee
Motor— $\frac{1}{4}$ H. P., self-lubricating, bronze bearing, 110 volts A. C., 60 cycle or 110 volts D. C.

Nozzle—14 in. wide flat aluminum type, highly polished.

Motor Driven Brush—Brush driven by belt from motor shaft giving a powerful sweeping action.

Micromatic Nozzle Adjustment—by means of knob mounted on rear casters.

Steel Handle—One piece, black enameled with molded rubber band grip, trigger switch and 20 ft. non-kinkable rubber covered vacuum cleaner cord.

Cast Aluminum Handle Bail—Highly polished. Handle cord connected to motor by small separable plug in lower end of handle.

Convenient Storage—Nozzle stands on end off of casters. Cleaner easily stored in small space. Locks in upright position in perfect balance close to wall.

Dirt Bag—Chemically treated, dustproof, large top for easy emptying.

Nozzle Tilting Device—Holds handle in proper position.

Automatic Cleaning Light—Built into cleaner, lights the rug when motor is started.

Steel Parts Cadmium Plated

Each

No. L36—Net wt. 15 lbs., shipping wt. 20 lbs.\$42.50



Motor Driven Brush

Two Year Guarantee

Mechanically this model is the same as No. L36 except that it does not have the molded rubber hand grip, the large cast aluminum handle fork nor the convenient storage feature.

A cleaner of the conventional type, plus the added convenience of a dirt-finding light—at a very attractive price.

The powerful motor-driven brush has a triple cleaning action that gets the embedded dirt and grit, as well as clinging surface litter.

Sells on sight.

Steel Parts Cadmium Plated

Each

No. 361—Net wt. 12 lbs., shipping wt. 17 lbs.\$29.50

Motor Driven Brush

Two Year Guarantee

The mechanical specifications of this model are the same as those of No. 361 **without** the automatic cleaning light or the rubber covered cord. The cord on this model is of the standard braided type.

Where low price is the first consideration, this model is offered with the assurance that it represents the utmost in vacuum cleaning service.

Steel Parts Cadmium Plated

Each

No. 333—Net wt. 12 lbs.; shipping wt. 17 lbs.\$21.95

All above, one in a carton.



Straight Suction

Two Year Guarantee

Has double swing-back, self cleaning brush. $\frac{1}{4}$ H. P. bronze bearing motor. Powerful concentrated suction through narrow nozzle opening. One piece steel handle. Polished aluminum nozzle (14 in.) and motor casing. Chemically treated dust-proof bag. Quick action; slide-on bag clamp and many other features.

Each

No. G10—Net wt. 11 lbs., shipping wt. 15 lbs.\$19.95

One in a carton.

Junior Straight Suction

Two Year Guarantee

Has $\frac{1}{8}$ H.P. universal air-cooled, bronze bearing motor, operates on 110 volt A.C., 60 cycle, or 110 volt D.C. Dust bag is held in position by spring wire support. Streamlined handle, conveniently mounted toggle switch and 20 ft. of vacuum cleaner cord.

The straight suction type cleaner develops extremely powerful suction which is concentrated in a narrow nozzle opening. Each

No. S32—Straight Suction Type; net wt. 4 $\frac{1}{4}$ lbs. shipping wt. 7 lbs....\$13.50
One in a carton.

Junior Motor Brush

Two Year Guarantee

Same as above except equipped with a revolving brush driven by belt direct from armature shaft.

This model is particularly recommended for quickly picking up dog hair, lint and clinging surface litter. Each

No. B32—Motor Brush Type; Net wt. 5 $\frac{1}{4}$ lbs.; shipping wt. 7 $\frac{1}{2}$ lbs. ..\$15.50
One in a carton.

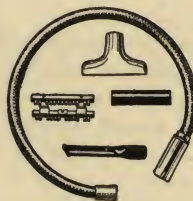
VACUUM CLEANER ATTACHMENTS

BEE-VAC

For use on vacuum cleaners Nos. L36, 361, 333 and G10—also all previous floor models.

Each

No. G11—Consists of 8 ft. flexible rubber hose, 5 in. aluminum nozzle, 5 in. connecting tube, 5 in. brush which snaps on nozzle, and blower nozzle for cleaning radiators and grill work; wt. per set 3 $\frac{1}{2}$ lbs.\$6.00
One set in a carton.



ELECTRIC FLOOR POLISHER OUTFITS

UNIVERSAL

Light in weight, yet heavy enough to do a real polishing job.

Tough tampico fibre brush 4 $\frac{1}{2}$ inches in diameter. Pressed steel frame, guards and handle brackets nickel plated. Handle and motor black japanned.

Pistol grip handle; toggle switch at finger tips.

Sheep skin mop cover is washable and easily replaced—shellaced wood handle. Each

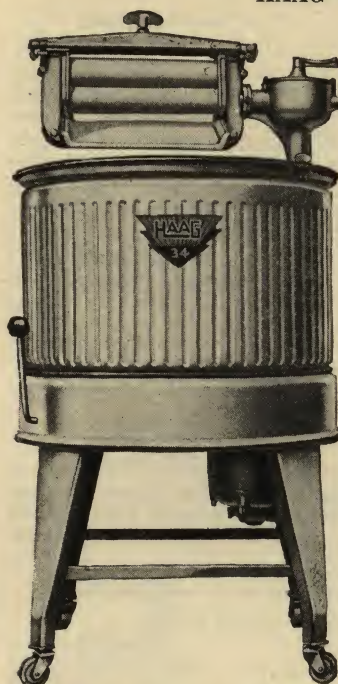
No. E710—Complete with polisher, sheep skin floor mop, 1 pt. can pastewax, 1 pt. can liquid wax, 25-ft. cord with attachment plug; wt. per outfit 24 $\frac{1}{2}$ lbs.\$29.50
One outfit in two cartons.



When Ordering—Specify current, voltage and cycles.

WASHING MACHINES

HAAG ELECTRIC



A sturdy, thoroughly dependable model representing genuine value in low price field.

Agitator—4 vane Multiflush high wing type, with adjusting screw. Cast aluminum. Fast, gentle and tangle proof. Surface and underneath circulation.

Wringer—Exclusive Haag design. Rigid cast iron frame, will not spring or warp while in operation. Instant safety release. Soft 2-inch balloon rolls of first grade rubber. Adjustable tension. Eight wringing positions.

Mechanism—Smooth, silent, trouble free and direct drive. Completely enclosed, runs in oil.

Gear Case—Upper and lower sections of cast iron. Oil-leak proof. Fitted with drain plug—carries ¾-quart of oil.

Legs—Heavy pressed steel. Large 2-inch easy rolling rust-proofed casters.

Color—Beautifully finished with light green porcelain tub and enameled chassis.

Capacity—6 sheets; 14 gallons to water line; 22½x14 inch round corrugated tub—porcelain on 18 gauge Armco iron.

Specifications—Floor space 25x25 in., height to top of tub 33½ in., height to drain board 35¼ in., height to top of wringer 45½ in. Shipping weight 172 lbs.

Each
No. 34E—With ¼ H. P. electric motor (illustrated)\$49.95
No. 34WP—With automatic drain pump 59.95
No. 34G—With B & S 4-cycle gasoline engine 79.95
No. 34P—With pulley for belt drive 44.50

The highest possible quality in design, workmanship and latest improvements at a popular price.

Agitator—4-vane Multiflush type. Adjustment screw for adjusting height.

Wringer—New type, cast frame, Haag Supersafe Wringer. Equipped with Mechanical Hand Safety Feeder—user just tosses clothes into space between rolls and safety feeder and they are automatically fed to rolls. 2¼-inch balloon rolls. Eight wringing positions.

Gear Mechanism—Quiet running direct drive.

Legs—Heavy pressed steel. Large 2-inch easy rolling rust-proofed casters.

Color—Light pastel green with light green tub flecked with white.

Capacity—6 sheets; 14 gallons to water line; 22½x14 in. round corrugated tub. New center drain, insuring complete drainage.

Specifications—Floor space 25x25 in., height to top of tub 33½ in., height to drain board 35 in., height to top of wringer 46 in. Shipping weight 191 lbs.

Each
No. 36E—With ¼ H. P. electric motor (illustrated)\$59.50
No. 36WP—With automatic drain pump 69.50
No. 36G—With B & S 4-cycle gasoline engine 89.50
No. 36P—With pulley for belt drive 54.50

Note—All above can also be furnished in 32 volts D. C., 115 volts D. C., 230 volts D. C., 110 volts, 25 cycles and 100 volts, 50 cycles.

Each
No. G/8—A. C. Spark Plugs, for gasoline engine washing machines\$0.90

WASHING MACHINES

HAAG ELECTRIC



Agitator—4-vane Multiflush type, 13½ inches in diameter. Fast washing with minimum of tangling. Adjustable to height.

Wringer—New type Haag Supersafe Wringer. Equipped with Mechanical Hand Safety Feeder—user just tosses clothes into space between rolls and safety feeder and they are automatically fed to rolls. Self-equalizing tension, instant pressure release—convenient lever reverses flipper board. Eight wringing positions.

Gear Mechanism—Quiet, efficient direct drive—completely enclosed in constant bath of oil.

Frame—Heavy pressed steel. Extra heavy legs with 2-inch easy rolling hard rubber casters.

Color—Sand gray porcelain tub flecked with white. Light gray enameled frame trimmed with black and polished aluminum.

Capacity—7 sheets 15 gallons to water line; 22½x14¼ inch round corrugated tub.

Specifications—Floor space 26x27 in., height to top of tub 34 in., height to drain board 35¼ in., height to top of wringer 45 in. Shipping weight 196 lbs.

Each
No. 42E—With ¾ H. P. electric motor (illustrated)\$69.50
No. 42WP—With automatic drain pump 79.50
No. 42P—With pulley for belt drive 64.50

HAAG GASOLINE ENGINE

With Briggs & Stratton Gasoline Engine

This model is the same in every detail as the No. 42E shown above except that it is powered by a gasoline engine instead of by electricity.

Engine Specifications

Type—4-cycle, single cylinder, L-head, aircooled.

Power—½ H. P. at 1750 R. P. M.

Ignition—High tension moisture-proof flywheel magnet—easy starting under all conditions—standard 18 mm. metric spark plug.

Lubrication—Splash system. Positive lubrication to all parts.

Carburetor—Special design, insuring quick starting and uniform running.

Cooling—Air-cooled by large blower flywheel.

Flywheel—Carefully balanced to eliminate vibration.

Valves—Alloy steel, mechanically operated, completely enclosed, running in oil.

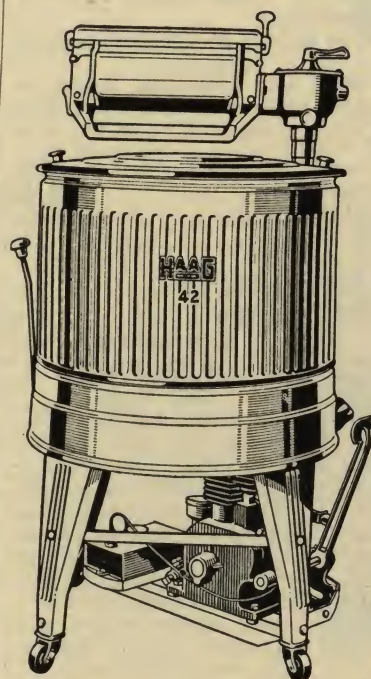
Connecting Rod—Aluminum alloy, large split bearing on crank pin, adjustable for wear, large bearing on wrist pin.

Piston—Aluminum alloy, with two compression rings and one oil control ring.

Fuel Tank—One quart capacity.

Oil Supply—One pint capacity.

Each
No. 42G—With B & S 4-cycle gasoline engine\$99.50



WASHING MACHINES

HAAG ELECTRIC



The "Two Suds" Washing Method

The first suds should be luke-warm — prevents "setting" of dirt and makes "soaking" unnecessary. When clothes are washed in first suds they are then wrung directly into scalding hot second suds in next tub and washed a second time. While operator wrings clothes from second suds to blue

rinse, a second lot of clothes is being washed in first suds—not a second's time need be wasted.

Agitators—4-vane submerged type, cast aluminum, 13 inches in diameter. Designed to cup down over raised protective base in bottom of tub. Operate individually or simultaneously.

Wringer—Exclusive Haag type. Massive cast frame and drain board. Adjustable steel water deflector. Soft 2¼-inch balloon rolls. Controlled pressure. Instant release. Four wringing positions to either tub.

Mechanism—V-type belt drive from motor to worm shaft pulley.

Gear Case—All gears enclosed and run in oil.

Legs—Heavy cast iron, adjustable. Rigidly braced at bottom with heavy angle iron. Rust-proofed 2-inch easy rolling casters.

Color—Mottled green porcelain tub. Vortex green enameled frame. Trimmed with polished aluminum.

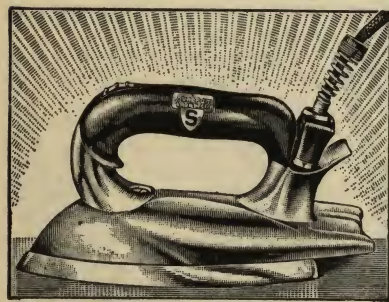
Capacity Each Tub—7 sheets; 15 gallons of water; 22½x13½ inch round tub.

Specifications—Floor space 46x26 in., adjustable height to top of tub 31½x34½ in., adjustable height to drain board 33½ to 36½ in., adjustable height to top of wringer 43 to 46 in., shipping weight 326 lbs.

Each
No. 85E—With ¼ H. P. electric motor\$129.50
No. 85G—With B. & S. 4-cycle gasoline engine..... 159.50
No. 85P—With pulley for belt drive 119.50

ELECTRIC SAD IRONS

SUNBEAM IRONMASTER



Dual Automatic 110 Volts A. C. 1000 Watts

A faster heating iron—reaches low heat for artificial silks in 30 seconds—full ironing heat in 2½ minutes. Thumb-tip heat regulator up in handle where it is easy to set without bruising knuckles. Larger ironing surface—three square inches more soleplate area—fewer strokes do more work.

Dual-automatic heat control permits heating element to be placed right down in bottom of soleplate where it is most effective for fast, efficient ironing.

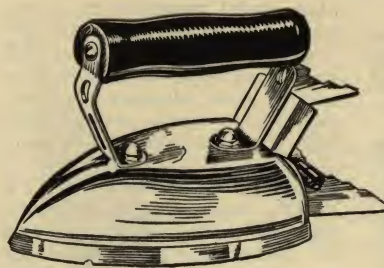
Equipped with 6-foot 10,000 cycle, gold band heater cord with patented Sunbeam Master plug.

Chrome plated finish. Black easy grip handle.

Each
No. A1—Weight each 3½ lbs.\$7.95
Six in a carton.

ELECTRIC SAD IRONS

SUPER-ELECTRIC



Non-Automatic 110-120 Volts, 575 Watts

Genuine mica element. Full-size scientifically balanced construction. Glass-smooth beveled base. Modernistic heel rest with two point balance. Cool grip handle with strong bar assembly.

Nickel plated finish.
Without Cord Set

Each
No. 80NP—Weight each 6 lbs.\$1.50
One in a carton, six in a standard package.

WHITE CROSS

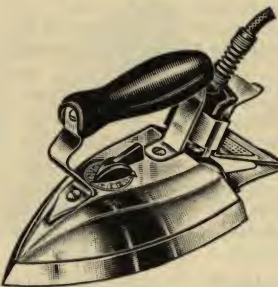
Non-Automatic 110 Volts, 575 Watts

Mica insulated nichrome element distributes heat evenly. Full beveled edge. Easy tilt rest. Cushion handle.

Equipped with cord set.

Chrome plated finish.

Each
No. 1248A—Weight each 6 lbs.\$2.45
One in a carton, six in a standard package.



Automatic 110 Volts A. C. only

Mica insulated nichrome element heats evenly. Heat selector switch provides for desired temperature. Patented thermostat mounted low in soleplate responds to a few degrees of heat variation. Full beveled edge. Drawn steel shell and heel rest. Cast iron sole plate. Back tilted handle.

Equipped with cord set.
Chrome plated finish.

Each
No. 1350—Light Weight; 850 watts; wt. each 4 lbs.....\$4.95
No. 349—Heavy Weight; 1000 watts; wt. each 6 lbs..... 5.55
One in a carton, six in a standard package.

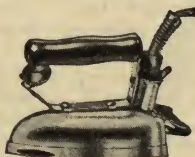
HOT POINT

Non-Automatic 115 and 125 Volts, 575 Watts

Quick-heating, practically indestructible Calrod heating unit. Bevel-edge soleplate. Thumb-rest relieves arm, wrist and shoulder strain. Rigid thru-bolt handle. Heel stand.

Equipped with 6-foot approved cord with standard appliance plug and Textolite cap.
Chrome plated finish.

Each
No. 139F61—Weight each 6 lbs.\$2.95
One in a carton, six in a standard package.



Non-Automatic

115 and 125 Volts, 575 Watts

Quick-heating, practically indestructible Calrod heating unit. Bevel-edge soleplate. Button saving button nooks permit ironing under and around buttons. Large red thumb-rest. Comfortable red through-bolt handle. Heel stand.

Equipped with 6-foot approved cord with standard appliance plug and G-E molded rubber attachment plug.

Chrome plated finish

Each
No. 169F61—Weight each 6 lbs.\$3.95
One in a carton, six in a standard package.

ELECTRIC SAD IRONS

HOTPOINT



Automatic
115 and 125
Volts
A. C. Only
660 Watts

Quick - heating, practically indestructible Calrod heating unit. Heat selector switch provides desired ironing temperature. Double button nooks permit ironing under and around buttons. Large red thumb rest. Comfortable red through-bolt handle. Heel stand.

Equipped with 6-foot cord with standard appliance plug and attachment plug. Chrome plated finish.

Each
No. 149F86—Weight each 6 lbs.\$4.95
One in carton, six in standard package.



Automatic
Featherweight
115 and 125 Volts
1000 Watts

Quick - heating, practically indestructible Calrod heating unit. Combined soleplate and pressure plate of natural finish duralumin. Heat selector switch, double button nooks, silver gray handle, large black thumb rest, heel stand.

With 6-foot, 10,000 cycle cord with standard appliance plug and G-E molded rubber attachment plug.

Chrome plated finish.

Each
No. 119F96—Weight each 3 lbs. ..\$6.95
One in carton, six in standard package.



Streamlined
Automatic
115 and 120 Volts
A. C.
1000 Watts

Quick - heating practically indestructible Calrod soleplate and pressure plate of duralumin. Thermal switch with "off" position. Heat control dial marked with names of materials. Double button nooks, black Calmold handle with integral thumb rest. Heel rest.

Permanently connected 10,000 cycle cord with spring cord protector.

Chrome plated finish.

Each
No. 149F83—Weight each 3½ lbs. ..\$8.95
One in carton, six in standard package.

SAD IRON ELEMENTS

FITZALL



Fits over 90 percent of irons on the market.

Pure mica insulation of highest grade. Nichrome ribbon resistance wire, wound to give uniform distribution of heat over entire surface of iron. Brass strip leads permit quick installation.

Each
No. 302—For 6 lb. irons; weight per 100, 7 lbs.\$0.90
10 in carton, 100 in standard package.

ELECTRIC PERCOLATORS

WHITE CROSS



Cold Water
V-Type
110 Volts
400 Watts

Made of aluminum.

Streamline handle, etched glass top, embossed motif, non-drip spout, bakelite feet.

The double wall valveless pump makes circulation instant.

Complete with standard cord. Chromium finish.

Each
No. 344—Cap. 9 cups; wt. each 3½ lbs.\$7.25



Cold Water
V-Type
110 Volts
400 Watts

Made of aluminum.

Graceful handle, glass top, etched motif, engraved base, non-drip spout, bakelite feet.

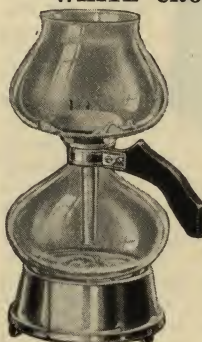
Double wall valveless pump makes circulation instant.

Complete with standard cord. Highly polished aluminum finish.

Each
No. 244—Cap. 9 cups; wt. each 3½ lbs.\$4.70

ELECTRIC COFFEE MAKERS

WHITE CROSS COFFEE-VAC



110 Volts
660 Watts

Attractively designed to meet requirements of the most exacting hostess. Always makes crystal clear, uniformly delicious coffee—brings out the delicious, rich flavor of the coffee and insures perfect coffee every time.

The electric stove has a nichrome element mounted in refractory plate.

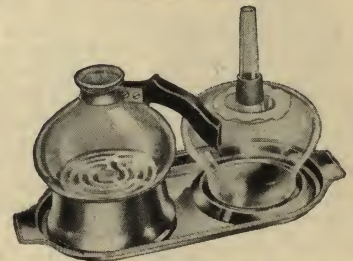
Upper and lower unit heat-proof glass assembly with handle and filter complete. Glass containers are sanitary and easy to clean.

Complete with standard length cord, heater plug and attachment plug.

Chromium plated stove.
Nos.447E 448E 450E
Cap., cups 6 8 10
Wt. each, lbs. 4¼ 5 5¼
Each\$3.45 4.10 6.00
All above, one in carton, six in std. pkge.

ELECTRIC COFFEE SERVICE TRAY SETS

WHITE CROSS



A complete coffee maker for the dining room, breakfast nook or bridge table. Makes most delicious coffee — quicker — better — and more cups per pound.

Set consists of tray with modernistic bakelite handles and special-designed two-piece stove and glass unit complete.

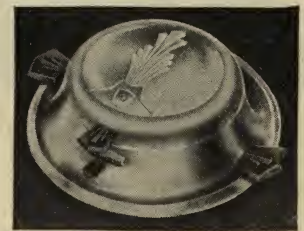
Tray and stove finished in highly polished chrome.

Nos.	447TS	448TS	450TS
Cap., cups	6	8	10
Wt. set, lbs.	6	6	6¾
Per set	\$4.80	5.45	7.60

One set in carton, six in std. package.

ELECTRIC WAFFLE IRONS

WHITE CROSS



Automatic
110 Volts, 660 Watts

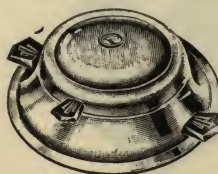
Bakes waffles just as desired by setting automatic lever for light, medium or dark baking. Signal light announces baking temperature and also when waffle is baked. Modernistic design on top with bakelite side and front handles to match.

Complete with cord set. Chromium plated. Each

No. 265—8¼ in. diam. aluminum grids; weight each 7 lbs.\$7.60

No. 269—7¼ in. diam. aluminum grids; weight each 6 lbs. 6.60

One in carton, six in standard package.



Non-Automatic
110 Volts, 660 Watts

An entirely new model of beautiful flowing modern style. Modernistic embossed design on top. Heat indicator announces baking temperature. Self-treated aluminum grids require no treating for perfect waffle baking.

Complete with cord set. Chromium plated. Each

No. 263—8¼ in. diam. aluminum grids; weight each 7 lbs.\$5.35

No. 268—7¼ in. diam. aluminum grids; weight each 6 lbs. 4.35

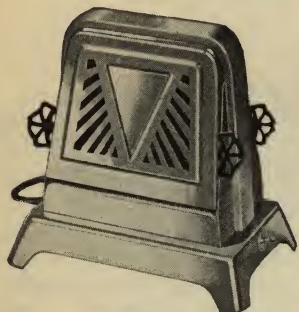
One in carton, six in standard package.

ELECTRIC TOASTERS

WHITE CROSS

110 Volts
550 Watts

Toasts two full slices at a time. Dropping of doors automatically turns toast. Easy to operate and easy to clean. Has "on" and "off" switch in base.



Complete with attached cord.

Chromium plated, trimmed with black ornamental fibre handles. Each

No. 227—Weight each 4 lbs.\$5.50
One in carton, six in standard package.



110 Volts, 550 Watts

Toasts two large slices at a time. Has nichrome ribbon element mounted on genuine mica.

Black base and ends with engraved door and top finished in chromium.

Complete with cord set. Each
No. 1225—Weight each 3 lbs.\$3.00
One in carton, six in standard package.



DeLuxe Model

110 Volts, 550 Watts

Toasts two extra large slices at a time—toast turns automatically. Flat nichrome element wire wound on genuine mica.

Black base and frame, chrome plated fancy perforated doors.

Complete with cord set. Each
No. 1223A—Wt. each 2½ lbs.\$2.15
One in carton, six in standard package.

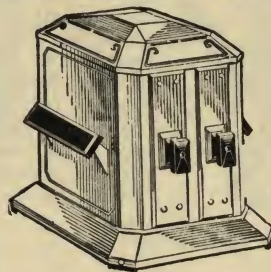
ELECTRIC TOASTERS

COLEMAN TOAST OVENS

Toasts two slices on both sides at one time. Equipped with sliding toast racks and removable crumb trays.

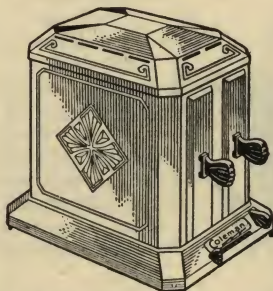
Super-chromium plated finish.

Complete with cord and attachment cap.
110-120 Volts, A. C. or D. C., 575 Watts



No. IC—8x7½x9½ in., weight each
5½ lbs.\$9.90

One in a carton.



No. 2—8x7½x9½ in.; wt. each 5½
lbs.\$14.40

One in a carton.

TOASTMASTER



No. 1B5

clock automatically adjusts toasting time as toaster heats up. Adjustment button enables user to prepare toast exactly as desired—light, medium, dark. When toast is done, it pops up and current is automatically shut off—no current whatever being used until lever is again pushed down for next toasting. Lustrous chromium finish.

Equipped with detachable cord and plug.

Nos.	1A4	1B5
No. slices will take.....	1	2
Watts	600	1100
Width, in.	4½	5½
Length, in.	9	9½
Height, in.	7	7
Wt. each, lbs.	5	6¾
Each	\$11.50	16.00

One in a carton.

ELECTRIC TOASTERS

SUNBEAM SILENT AUTOMATIC

With Dual
Thermostatic
Toasting Control
110 Volts A. C.,
850 Watts



Toasts two slices on both sides at one time. Keeps toast hot until ready to butter and serve. Signal light tells when toast is

done and current shuts off.

Lustrous chrome plate with rich, ebony trim, base and levers.

Complete with cord set. Each
No. T-1—Weight each 7¼ lbs.\$10.95

ELECTRIC SANDWICH

TOASTERS

WHITE CROSS



115 Volts, 660 Watts

Toasts two sandwiches at a time. Full expansion hinge allows single slice or two-deck toasted sandwiches to be made. Black evercool handles, non-stick grids, latest type heating element. Supporting brace automatically drops into position as toaster is opened. Insulated feet.

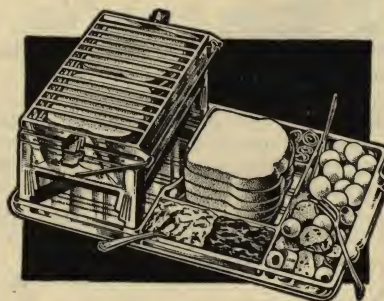
Polished lustrous chrome finish.

Complete with Underwriters' approved cord set. Each

No. 228—14x7¼x3¾ in., 5½x10¼
in. grids; wt. each 6 lbs.\$5.95

One in carton, six in standard package.

SUNBEAM BUFFET TRAYS



A superior tray combined with Sunbeam toaster. Tray has five separate compartments for bread, relishes, cheese, etc. and is made of thick fire-polished, crystal-clear, long-wearing glass, beautifully engraved.

Toaster toasts two sandwiches at one time. Bread or sandwiches easily turned over and toasted on both sides with patented turn-over toasting rack. Expansion hinge enables it to hold everything from crackers to halved rolls. May be used as a table stove by tipping back toasting rack. Chrome plated. Each

No. 4T—Buffet Tray with Toaster;
size tray 17x14 in.; wt. each
12 lbs.\$5.95

No. 4—Toaster only; wt. each 4 lbs. 4.95
One in a carton.

ELECTRIC WATERLESS COOKERS

WHITE CROSS

These cookers cook foods perfectly in their own juices, without adding water, thus retaining all the natural flavors.

Made of heavy aluminum with self-basting covers which have automatic escape valves.

Instructions and proved recipes furnished with each cooker.

110 Volts, 1000 Watts

With Vapor Seal Cover

Equipped with three vegetable pans and heavy wire supporting rack.

Stove has genuine nichrome heating element mounted on a refractory plate and can be used separately for

dozens of purposes. Equipped with three-heat switch control—high, low and off.

Complete with standard length cord and plug.

No. 161—Cap. 10 qts., height 14 in., width 10 in.; wt. each 10 lbs. \$11.95 One in a carton.

ELECTRIC CORN POPPERS

U. S.

110 Volts
500 Watts



Made of 25 gauge full finish steel with three strong wooden side holders in baked enamel finish. Heat plate of extra heavy 22 gauge steel in-

sures correct heat over entire popping surface.

Heat plate extends upward better than one-half inch—prevents butter, lard, etc., from leaking through into heating element. Heating element of highest quality nichrome steel wire. Bottom shell insulated with one inch of rock wool—permits use of popper on any surface without fear of blistering heat.

No. 1—Large capacity; wt. each 3 1/4 lbs. \$1.00 One in carton, one dozen in standard package.

ECONOMY

660 Watts

Handsome ly finished in natural pistol blue, with bright fittings.

Genuine nichrome heating element perforated top, two

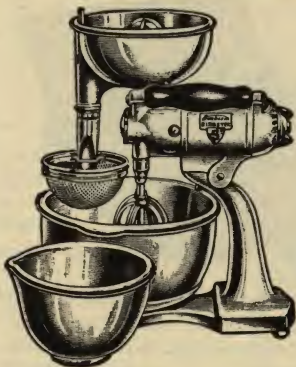
spring steel cover fasteners, fibre tipped legs.

Without Cord Set

No. 21—Cap. 1/2 gal.; wt. per carton 21 lbs. \$1.25 Six in a carton.



ELECTRIC SUNBEAM MIXMASTERS



Portable, Non-Radio—Interfering 105 to 120 volts A.C. or D.C. 25 to 60 Cycles

Easy to use requires no adjustment. Leak-proof oiling system for beater bearings.

Has ten speeds—a constant, slow “fold-in” speed, perfect mixing speeds that do not “slow” as batter becomes heavier, correct whipping speeds that remain uniform at all times. Larger paddle—surfaces work all the mixture—bottom, middle, top.

Motor tilts back and mixing bowls are easily removed. Bowls revolve by themselves on ball-bearing platform feeding all the food into the beaters.

Finished in ivory, chip-proof, baked enamel; metal parts chrome plated; mixing bowls opaque green glass.

Complete with beaters, juice strainer, mayonnaise oil dropper, two opaque green glass mixing bowls, cord and wall plug.

Each

No. 1—With juice extractor; shipping wt. each 24 lbs. \$22.50

No. 2—Without juice extractor; shipping wt. each 18 lbs. 19.75 One in a carton.

MIXMASTER ATTACHMENTS

Each

No. PU—Power unit attachment; wt. each 3 lbs. \$2.50

No. FC—Food chopper attachment; wt. each 9 lbs. 5.50

No. CG—Coffee grinder attachment; wt. each 5 1/2 lbs. 2.50

No. DM—Drink mixer attachment; wt. each 3 lbs. 2.50

No. SS—Slicer and shredder attachment; wt. each 7 lbs. 5.00

No. VP—Potato peeler attachment wt. each 3 1/4 lbs. 4.50

No. CO—Can opener attachment wt. each 1 lb. 2.00

No. KS—Knife sharpener attachment; wt. each 3 lbs. 2.25

No. PB—Polisher and buffer attachment; wt. each 1/4 lb. .75

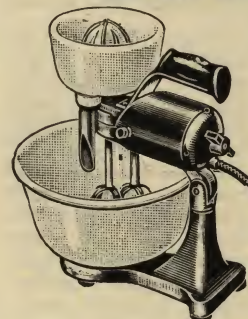
No. IC—Ice cream freezer attachment; wt. each 4 lbs. 3.50

No. CA—Colander attachment; wt. each 7 lbs. 3.95

No. PS—Pea sheller attachment; wt. each 1 1/4 lbs. 1.50 One in a carton.

ELECTRIC FOOD MIXERS

GILBERT KITCHEN-KIT



Portable Non-Radio—Interfering 110 Volts A.C. or D.C. 60 Cycles or Less

Constructed for utmost convenience, ease and efficiency in operation.

Powered by sturdy economical, three speed,

switch controlled motor, so constructed to operate at lower speeds without use of heat-resisting coils, eliminating waste of electric current.

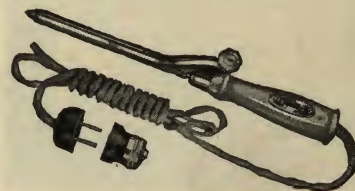
Beats batters, fluffs mashed potatoes, mixes mayonnaise, stirs French dressings, etc. Stirs malted milk and other mixed drinks. Extracts orange and lemon juice. Finished in cream enamel.

Complete with juice extractor, beaters, mixing bowl, cord and plug.

No. 2—Weight each 14 lbs. \$16.50 One in a carton.

ELECTRIC CURLING IRONS

WHITE CROSS



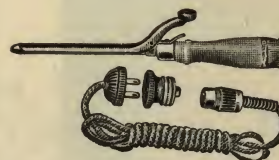
With Switch
110 Volts, 20 Watts

Snap switch in handle controls heat. Removable clamp permits its use as waver rod.

Handle, cord and button in assorted matched colors.

No. 1136S—Wt. per package 4 lbs. \$1.45 Six in a standard package.

With Detachable Cord
110 Volts
20 Watts



Detachable cord plugs into handle. Removable clamp permits its use as waver rod.

Handle duco enameled in color combinations with cord and button to match.

No. 1136P—Wt. per package 4 lbs. \$1.45 Six in a standard package.

110 Volts
20 Watts



An exceptional value at the price.

Removable clamp permits

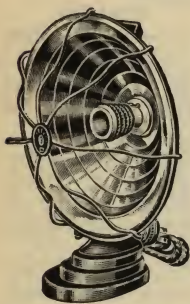
its use as a waver rod.

Handle, cord and button in matched vivid colors.

No. 1136—Wt. per package 4 lbs. \$1.00 Six in standard package.

ELECTRIC HEATERS**WHITE CROSS**

110 Volts, 575 Watts



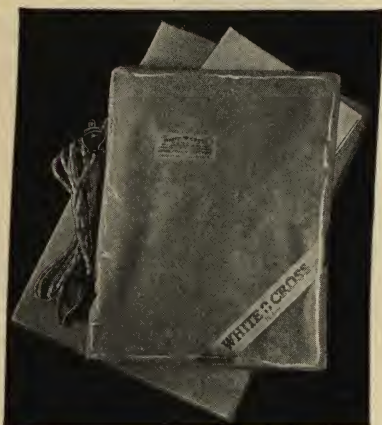
Heavy cast iron, black ebonized base of triple plateau design. New and modernly treated style reflector with highly polished chromed prismatic rings slightly offset, each from the other—not only look smart but add to heat throwing power. Black ebonized back.

Complete with heavy attached heater cord and attachment plug. Each

No. 1232—Height 14 in., base $6\frac{1}{4}$ x $4\frac{1}{4}$ in., reflector 11 in. diam.;

wt. each 6 lbs.\$2.80

One in a carton.

ELECTRIC HEATING PADS**WHITE CROSS****Three Heats—60 Watts**

Fire and wet-proof construction. Double thermostat, three-heat control. Removable pastel green velour cover with gold zipper, and extra sanitary slip cover. Velour cover can be washed or dry cleaned.

Complete with 8-foot cord. Each
No. 573—13x16 in.; wt. each 3 lbs. ...\$7.00
One, cellophane wrapped, in display box.

**Three Heats—60 Watts**

Wetproof and well insulated with extra heavy eiderdown cover in orchid color with sanitary slip cover. Double thermostat, three-heat control.

Complete with 8-foot silk cord. Each
No. 1571—12x15 in.; wt. each $1\frac{3}{4}$ lbs.\$3.95

One, cellophane wrapped, in display carton.

ELECTRIC HEATING PADS**WHITE CROSS****Three Heats—60 Watts**

Excellent construction, with single thermostat, three-heat control. Well insulated with heavy eiderdown cover in peach color.

Complete with 8-foot silk cord.

Each

No. 1570—12x15 in.; wt. each $1\frac{3}{4}$ lbs.\$2.50

One, cellophane wrapped, in telescope box.

ELECTRIC HOT PLATES**WHITE CROSS****One-Burner**

110 Volts—550 Watts

An inexpensive yet sturdily built stove suitable for dozens of purposes.

Made of sheet steel, finished light green with ivory color legs.

Complete with standard length cord and plug.

Each

No. 197—Without switch; $8\frac{1}{2}$ x $8\frac{1}{2}$ x $5\frac{1}{2}$ in.; wt. each 4 lbs.\$1.10

No. 194SS—With switch; otherwise same as No. 197 1.35

One in carton, six in standard package.

**Two-Burner**

110 Volts, 1320 Watts

Made of sheet steel. Body finished in black crackled enamel with ivory color legs.

Each burner draws 5 amperes and has an individual toggle switch operating independently or both together.

Complete with attached cord.

Each

No. 196—With two single-heat switches; $9 \times 18 \times 5\frac{1}{2}$ in.; wt. each 7 lbs.\$3.10

No. 196C—With two three-heat switches; otherwise the same as No. 196 4.60

One in carton, six in standard package.

ELECTRIC HOT PLATES**WHITE CROSS****Two-Burner**

110 Volts, 1500 Watts

Made of sheet steel and finished in triple baked glossy black enamel with nickel plated legs. Three-heat switch control at each burner—operate independently or both together.

Complete with attached cord.

Each

No. 200B— $9 \times 8 \times 5\frac{1}{2}$ in. wt. each 8 lbs.\$5.60

One in carton, six in standard package.

**Two-Burner**110 Volts
1500 Watts

Streamlined—no sharp corners, easy to keep clean.

Heating units composed of genuine nichrome wire elements mounted in genuine refractory plates. Each unit controlled by individual three-heat switch. Insulated feet.

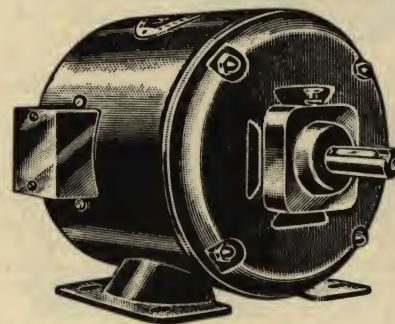
Body finished in black baked enamel.

Complete with approved heater cord.

Each

No. 500B— $20 \times 10 \times 5$ in., 7 in. heating units wt. each 12 lbs.\$7.40

One in carton, six in standard package.

ELECTRIC MOTORS**Single Phase**

110 Volts, 60 Cycles

4-Pole, 1750 R. P. M.

A high grade motor with a standard guarantee of one year against defective materials and workmanship.

Simplicity and ruggedness of design give long, efficient and economical operation.

Each

No. 5014— $\frac{1}{4}$ H. P., sleeve bearing type, complete with cord and plug, single shaft; wt. each 26 lbs.\$14.50

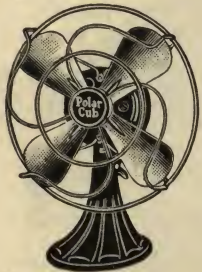
No. 5013B— $\frac{1}{8}$ H. P., ball bearing type, complete with cord, plug, switch and pulley, double end shaft; wt. each 29 lbs. 29.00

ELECTRIC FANS

POLAR CUB

Induction type, non-radio-interfering motor, high starting torque, shaded pole type, centerless ground shaft and rotor core. Self-aligning, oil impregnated graphite bronze bearings with reservoir and felt oil retainer. Cast iron base—fan tips backward and forward. Two-part drawn steel motor shell. Four bright finished blades.

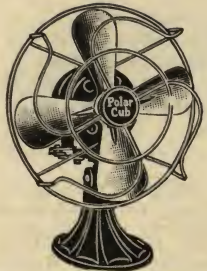
Equipped with black parallel cord and plug cap.



8-Inch Stationary
110 Volts A.C., 60 Cycles
30 Watts
2-Pole Motor

Strong, electrically welded double ring, cadmium plated guard.
Finished in Arabian Sand enamel, electrically baked.

Each
No. A18—10½ in. high, 8½ in. wide;
wt. each 3¾ lbs.\$1.50
One in a carton.



8-Inch Oscillating
110 Volts A.C., 60 Cycles
38 Watts
2-Pole Motor

Strong, electrically welded, double ring, cadmium plated guard.
Finished in Arabian Sand enamel, electrically baked.
Oscillating motion is a sturdy, quiet, worm drive.

Each
No. A21—10½ in. high, 8½ in. wide; wt. each 4¾ lbs.\$3.50
One in a carton.



10-Inch Oscillating
110 Volts A.C., 60 Cycles
33 Watts
4-Pole Motor

Strong, electrically welded, double ring, cadmium plated guard.

Finished in Arabian Sand enamel, electrically baked.

Oscillating motion is a sturdy, quiet, worm drive.

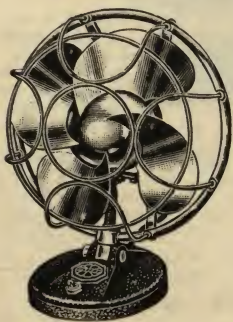
Motor is large and powerful.

Each
No. A24—12¾ in. high, 10½ in. wide; wt. each 5½ lbs.\$5.00
One in a carton.

GILBERT ARISTOCRAT

Famous Gilbert induction type, non-radio-interfering "floating motor," high starting torque, shaded-pole type, centerless ground shafts and rotor core. Self-aligning, oil impregnated graphite bronze bearings with reservoir and felt retainer. Instant-grip angle adjustment, operating on pivot at base of fan. Elliptical design, streamlined, cast iron base, with felt protectors. Two-part drawn steel motor shell. Oscillating movement, journaled in base for quiet travel, wide arc swing. Automatic safety release. Base, motor and motor supports black wrinkle finish, electrically baked. Blades and guard, chromium plated.

Equipped with black standard parallel cord and plug cap.



Airflow Model—10-Inch Oscillating
110 Volts A. C., 60 Cycles
4-Pole Motor

Two speeds and stop switch—vertical trigger.

Deep pitched, gracefully curved, propeller type blades—quiet, efficient, with output equal to about 12-inch fan.

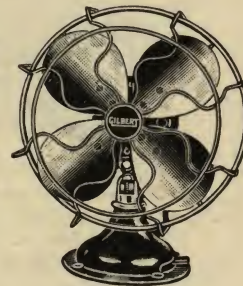
Modernistic guard of unit construction—rigid and attractive.

Each
No. A11—Height 12¾ in., width 10½ in., 45 watts; weight each 13 lbs.\$15.00
One in a carton.

ELECTRIC FANS

GILBERT STANDARD

Famous Gilbert induction type, non-radio-interfering motor, high starting torque, shaded pole type, centerless ground shafts and rotor core. Self-aligning, oil impregnated graphite bronze bearings with reservoir and felt oil retainer. Drawn steel base—can be attached to wall. Two-part drawn-steel motor shell. Modern, fully rounded double ring guard with multiple arm of harmonious design. Oscillating movement equipped with automatic safety release.



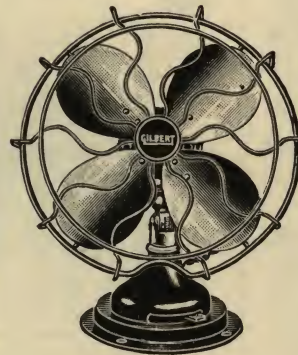
10-Inch Oscillating
110 Volts A.C., 60 Cycles
40 Watts
4-Pole Motor

On-and-off switch. Four chromium blades.

Velvet black finish, electrically baked, with chromium trim.

Equipped with black standard parallel approved cord and plug cap.

Each
No. A33—Height 12¾ in., width 10½ in.; wt. each 7¼ lbs..\$7.95
One in a carton.



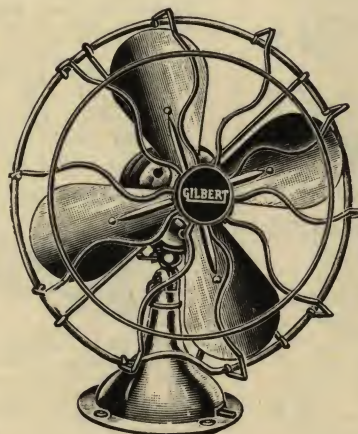
12-Inch Oscillating
110 Volts A.C., 60 Cycles
42 Watts
4-Pole Motor

On-and-off switch. Four chromium blades.

Velvet black finish, electrically baked with chromium trim.

Equipped with black standard parallel approved cord and plug cap.

Each
No. A34—Height 14¾ in., width 12½ in.; wt. each 10¾ lbs.\$11.95
One in a carton.



16-Inch Oscillating
110 Volts A. C., 60 Cycles
4-Pole Motor

Two speeds and stop switch. Four chromium blades.

Velvet black finish, electrically baked, with chromium trim.

Equipped with black, twisted, approved, standard cord with plug cap.

Each
No. A37—Height 19¼ in., width 17½ in.; wt. each 26 lbs.\$19.50
One in a carton.

EVEREADY FLASHLIGHTS

TWO CELL NON-FOCUSING



Equipped with ring hanger. Takes two No. 950 unit cells. Complete with No. 1161 lamp.

Without Cells

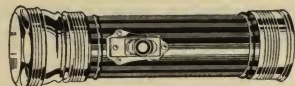
Each

No. 2604—Black finish ribbon design brass case, chromium fittings, safety lock switch, $6\frac{3}{4} \times 1\frac{1}{2}$ in.; weight $\frac{1}{4}$ lb.\$0.98

No. 250—Nickel plated brass case, "flash" and "steady" light switch, $6\frac{3}{4} \times 1\frac{1}{2}$ in.; weight package $2\frac{1}{4}$ lbs.55

No. 2604, one in a carton; No. 250, six in a unit package.

TWO CELL FOCUSING SPOTLIGHT



Equipped with ring hanger and candle light feature.

Takes two No. 950 unit cells. Complete with No. 1161 lamp.

Without Cells

Each

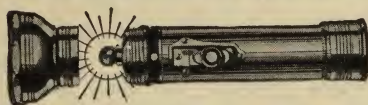
No. 2673—Chromium plated ribbon design brass case, safety lock switch, 400 ft. range, $7 \times 1\frac{1}{2}$ in.; wt. each $\frac{1}{4}$ lb.\$1.36

No. 2671—Black finish ribbon design brass case, chromium fittings safety lock switch, 400 ft. range, $7 \times 1\frac{1}{2}$ in.; wt. each $\frac{1}{4}$ lb. 1.04

No. 251—Nickel plated brass case, "flash" and "steady" light switch, 350 ft. range; wt. package $2\frac{1}{4}$ lbs.63

Nos. 2673 and 2671, one in a carton; No. 251, six in unit package.

TWO CELL BABY FOCUSING



Chromium plated ribbon design brass case; safety lock switch; ring handle. Can be quickly converted into a candle light by removing head assembly.

Each

No. 2663— $6 \times 1\frac{1}{8}$ in., 300 ft. range, with No. 1161 lamp, takes two No. 935 unit cells, without cells; weight each $\frac{1}{4}$ lb.\$1.36

One in a carton.

THREE CELL FOCUSING SPOTLIGHT



Equipped with ring hanger and candle light feature.

Takes three No. 950 unit cells. Complete with No. 1162 lamp.

Without Cells

Each

No. 2672—Black finish ribbon design brass case, chromium fittings, safety lock switch, 500 ft. range, $9\frac{1}{2} \times 1\frac{1}{2}$ in.; wt. each $\frac{1}{2}$ lb.\$1.88

No. 351—Nickel plated brass case, "flash" and "steady" light switch, 450 ft. range, $9 \times 1\frac{1}{2}$ in.; wt. package $1\frac{1}{2}$ lbs.90

No. 2672, one in a carton; No. 351, three in a unit package.

EVEREADY FLASHLIGHTS

THREE CELL FOCUSING SEARCHLIGHT



Equipped with ring hanger and candle light feature.

Takes three No. 950 unit cells.

Complete with No. 1162 lamp.

Without Cells

Each

No. 2642—Black finish ribbon design brass case, chromium fittings, safety lock switch, 800 ft. range, $9\frac{1}{2} \times 1\frac{1}{2}$ in.; weight each $\frac{3}{4}$ lb.\$2.54

No. 352—Nickel plated brass case, "flash" and "steady" light switch, 700 ft. range, $9 \times 1\frac{1}{2}$ in.; weight package $2\frac{1}{4}$ lbs.98

No. 2642, one in a carton; No. 352, three in a unit package.

FIVE CELL FOCUSING SEARCHLIGHT



Equipped with ring hanger and candle light feature.

Takes five No. 950 unit cells. Complete with No. 1125 lamp.

Without Cells

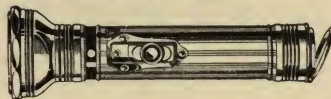
Each

No. 2645—Chromium plated ribbon design brass case, safety lock switch, $14\frac{1}{4} \times 1\frac{1}{2}$ in.; wt. each 1 lb.\$2.92

No. 552—Nickel plated brass case, "flash" and "steady" light switch, $14 \times 1\frac{1}{2}$ in.; wt. pkg. $2\frac{1}{2}$ lbs. 1.40

No. 2645, one in a carton; No. 552, three in a unit package.

OFFICIAL GIRL SCOUT



Jade green finish ribbon design brass case with chromium fittings, safety lock switch, ring hanger, candle light feature.

Adopted by Girl Scouts, Inc., as the official flashlight of their organization.

Each

No. 2664— $6 \times 1\frac{1}{8}$ in., 300 ft. range, with No. 1161 lamp, takes two No. 935 unit cells; without cells; weight each $\frac{1}{4}$ lb.\$1.36

One in a carton.

OFFICIAL BOY SCOUT



Khaki finish ribbon design brass case with chromium fittings, safety lock switch, ring hanger, clip to be slipped over belt or pocket.

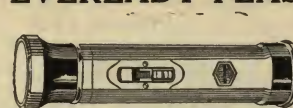
Adopted by the Boy Scouts of America as the official flashlight of their organization.

Each

No. 2697— $7\frac{3}{4} \times 1\frac{1}{2}$ in., 400 ft. range, with No. 1161 lamp, takes two No. 950 unit cells; without cells; weight each $\frac{1}{2}$ lb.\$1.68

One in a carton.

EVEREADY FLASHLIGHTS



Chromium plated heavy brass case. Switch gives steady or intermittent light.

Light selector provides for powerful spotlight beam or broad diffused illumination. Double candle light in head provides for bright light or soft light. Equipped with ring hanger. Breech loading.

Each

No. 2253— 7×2 in., 400 foot range, with No. 1161 lamp, takes two No. 950 unit cells, without cells; weight each $\frac{3}{4}$ lb.\$2.28

"MASTERLITE" THREE CELL FOCUSING SEARCHLIGHT

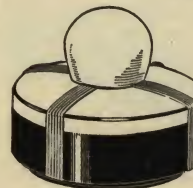


Same general description as No. 2253 above.

Each

No. 2354— $10 \times 2\frac{1}{2}$ in., 700 ft. range, with No. 1162 lamp, takes three No. 950 unit cells, without cells; weight each 1 lb.\$2.80

"MASTERLITE" TWO CELL TABLE MODEL

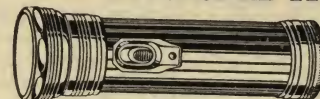


Black and chromium finish. Gives soft night light or powerful spotlight from one bulb. Luminous glass dome switch, easily seen in dark.

Each

No. 2238— $4 \times 3\frac{1}{2}$ in., 400 ft. range, with No. 1161 lamp, takes two No. 235 unit cells, without cells; weight each $1\frac{1}{8}$ lbs.\$3.00

TWO CELL FOCUSING SPECIAL AUTOMOBILE TYPE



With Special Holder

Black finished metal case, chromium plated switch.

Black japanned spring steel holder with small hardwood rollers to protect flashlight against scratching and to grip it firmly to prevent rattling and slipping.

Each

No. 42— $6\frac{1}{4} \times 1\frac{1}{2}$ in., 350 ft. range, with No. 1161 lamp, takes two No. 950 unit cells, without cells; wt. each $\frac{3}{4}$ lb.\$0.76

One in a box, six in a carton with display card.

TWO CELL FOCUSING INDUSTRIAL TYPE



Head focusing lamp shock absorber, double thick lens silver plated reflector easily replaceable molded slide switch.

Outer casing of heavy fibre reinforced internally with brass parts to withstand severe service. Insulating qualities make it safe for use by electrical workers around current of relatively low potential.

Each

No. 3251— $6\frac{3}{4} \times 1\frac{1}{8}$ in., with No. 1191 lamp, takes two No. 950 unit cells, without cells; weight each $\frac{1}{2}$ lb.\$2.40

One in a carton.

FLASHLIGHTS EVEREADY DISPLAY PACKAGE



Two and Three Cell Focusing Spotlights

Nickel plated brass case; "flash" and "steady" light switch; ring hanger.

Per display

No. 19—Consists of 9 flashlights as listed below, complete with lamps, without cells; wt. per assortment 4½ lbs.\$6.32

Contents of Assortment

- 2—No. 250, 2-cell non-focusing, 6¾x1½ in. case.
- 4—No. 251, 2-cell focusing spotlight, 350 ft. range, 6½x1½ in. case, candle light feature.
- 3—No. 351, 3-cell focusing spotlight, 450 ft. range, 9x1½ in. case, candle light feature.

One display package in a carton.



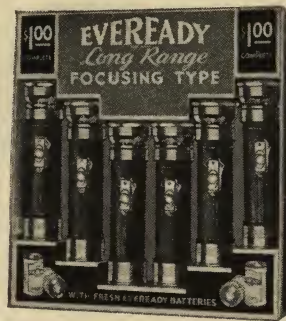
Two Cell Focusing Spotlight

Chromium plated ribbon design brass case; safety lock switch; ring hanger; candle light feature.

Per display

No. 73—Consists of 6 flashlights, 7x1½ in. case, 400 ft. range, complete with lamps, without cells; weight per package 3½ lbs.\$8.16
One display package in a carton.

FLASHLIGHTS EVEREADY DISPLAY PACKAGE



Two Cell Focusing Spotlight

Black ribbon design brass case with chromium fittings; safety lock switch; ring hanger; candle light feature.

Per display

No. 71—Consists of 6 flashlights, 7x1½ in. case, 400 ft. range, complete with lamps, without cells; wt. per assortment 3¼ lbs.\$6.24
One display package in a carton.



Two Cell Pen-Light

This light is finished in chromium and beautifully striped with standard Eveready reeding. It is perfectly adapted for use by the medical profession and its many advantages are certain to make it popular with men, women and children.

One of the principal features of this light is the switch arrangement. The light is turned on by sliding the clip in the direction of the lamp. The circuit is automatically opened when the light is clipped to the pocket with the clip in the "on" position.

By use of the new bulls-eye lamp (No. 1152), it throws a brilliant beam of light when hood is in place. When hood is removed, side rays give broader distribution of illumination.

Per display

No. 21—Consists of 8 Pen-Lights, 5½x¾ in. case, complete with lamps, without cells; wt. per package 8 lbs.\$4.00
One display package in a carton.

Candle Light Feature

Flashlights with candle light feature are quickly converted into a candle light by simply removing head assembly.

ELECTRIC LANTERNS DELTA HUSKY FOCUSING



Throws a Piercing 600 Foot Spot Beam

Adjustable to flood light by rear focusing screw.

Bright red enameled finish, 4½ in. diameter non-tarnishing reflector.

Handy carrying bail has notch to permit hanging, strong rigid handle in back. Each

No. A1066—7 in. high, with genuine Mazda lamp, No. 35; operates on two standard No. 6 dry cells, without cells; wt. each 2 lbs.\$1.70
One in a carton.

FLASHLIGHT BATTERIES EVEREADY UNIT CELLS



No. 915
Penlight

No. 935

No. 950

	Round		
Nos.	915	935	950
Length, in.	1½	2	2½
Diam., in.	¾	1¼	1½
No. in unit pkg. ..	12	12	48
Wt. pkg., lbs. ...	½	1¼	10½
Each	\$0.06½	.13	.13

Note—2 No. 915 unit cells equivalent to 1 No. 706 battery, 2 No. 950 unit cells equivalent to 1 No. 790 battery, 3 No. 950 unit cells equivalent to 1 No. 705 battery.



EVEREADY LANTERN Railroad Lantern Type

Each

No. 409—3½x2½x2½ in.; wt. per package 1½ lbs. \$0.60
One in a unit package.

FLASHLIGHT LAMPS EVEREADY MAZDA



Nos.	Volts	Bulb	Amps.	Each
1180	2.2	FE-3¼	0.25	\$0.09
1161	2.5	G-3½	0.30	.09
1162	3.8	G-3½	0.30	.09
1165	2.3	G-3½	0.27	.09
1191	2.65	G-3½	0.30	.10
1168	6.0	G-5	0.60	.14
*1109	5.0	G-4½	0.15	.12

Ten in unit package, wt. package ½ lb.

*For use in trainmen's hand lantern.

DRY RADIO BATTERIES

EVEREADY PLUG-IN "B"



Medium, Vertical Layerbilt

A new size 45-volt Eveready Layerbilt battery employing same principle used in No. 486.

Recommended for self-contained receiver where there is not sufficient space for No. 486. The No. 485 is the longest lasting "B" battery of its size.

Each
No. 485—45-volt, 8 3/4 in. long, 3 1/8 in. wide, 8 in. high; wt. each 9 1/2 lbs.\$2.64



Large, Vertical Layerbilt

A large size 45-volt "B" battery embodies exclusive Eveready Layerbilt construction which results in much longer battery life.

Will outlast any other "B" battery of similar size.

Each
No. 486—45-volt, 8 in. long, 4 1/2 in. wide, 8 in. high; wt. each 14 1/4 lbs.\$3.34



Medium, Vertical Round Cell

Has approximately the same dimensions as No. 485 but is of cylindrical cell construction.

Recommended for self-contained sets where lack of space will not permit use of larger size batteries.

Each
No. 572—45-volt, 7 1/2 in. long, 3 3/4 in. wide, 8 in. high; wt. each 9 lbs..\$1.80



Large, Vertical Round Cell

Has approximately the same dimensions as the No. 486 but is of cylindrical construction.

Each
No. 570—45-volt, 7 3/4 in. long, 4 1/8 in. wide, 8 in. high; wt. each 13 3/4 lbs.\$2.50
All above, six in a unit package.

PLUG-IN FEATURE

Each Eveready Plug-In Battery is provided with an adapter to which wires from set can be attached in the usual manner.

Once connected, the adapter becomes the plug for future battery installations. When renewal time comes, merely remove plugs from old batteries, and insert them in new batteries.

Plugs and sockets so designed that it is impossible to insert a plug in the wrong socket.

DRY RADIO BATTERIES

EVEREADY PLUG-IN "B" OR "C"



Standard, Portable Horizontal

Provides "C" battery voltages of +, -3, -4 1/2, -16 and -22 1/2.

While in most cases this battery will furnish any necessary grid voltage for radio tubes, in some cases, such as providing grid voltage for Type 71A output tubes, it will be necessary to connect it in series with the standard 4 1/2-volt "C" battery.

As a "B" battery, it is intended for use only on portable receivers where light weight and small service are more important than long life.

Each
No. 768—22 1/2-volt, 4 3/4 in. long, 2 1/2 in. wide, 3 3/8 in. high wt. each 1 1/8 lbs.\$1.20

Five in a unit package.

EVEREADY PLUG-IN "C"



Contains three large radio cells giving 4 1/2 volts. Provides voltages of +, -3 and -4 1/2.

The use of a "C" battery prolongs the life of the "B" battery and improves the quality of sound reproduction.

Each
No. 771—4 1/2-volt, 4 in. long, 1 3/8 in. wide, 3 1/8 in. high; wt. each 7/8 lb.\$0.50

Five in a unit package.

EVEREADY AIR CELL "A"



For 2-Volt Tube Receivers

Obtains its necessary, life-giving oxygen from the air by means of a remarkable form of oxygen-absorbing carbon,

used as positive electrode.

The space which normally would be occupied by a solid depolarizer, is devoted to active, electricity-producing ingredients.

To place the battery in service, all that is necessary is to remove the cellophane covers from the electrodes so they can "breathe," punch out the membranes in the bottoms of the filler holes and fill the two compartments with cold water.

One battery will operate a 7-tube, 2-volt receiving set for well over 1000 hours or on a basis of 2 1/2 to 3 hours daily use, a whole year.

This battery is not rechargeable.

Each
No. A-600—9 7/8 in. long, 6 1/8 in. wide, 10 1/8 in. high; wt. each 23 lbs.\$8.34

One in a carton.

DRY BATTERIES

COLUMBIA GRAY LABEL



For Telephone Service

The best dry cell for telephone work, being especially designed for this type of service. Noted for long life and satisfaction on light drain service.

Each
No. 6G—1 1/2 volt; 6 in. high; 2 1/2 in. dia.; wt. ea. 2 1/4 lbs....\$0.45
Twenty-five in a standard package.

EVEREADY COLUMBIA



Renowned for its long life and excellent service for all dry cell uses.

Its exceptionally long life and quick recuperation have made this cell famous for ignition, radio and other heavy duty service. It is the best general purpose dry cell.

Each
No. 6—1 1/2 volts, 2 5/8 in. diam., 6 5/8 in. high; wt. per package 57 lbs.\$0.46
Twenty-five in a unit package.

HERCULES

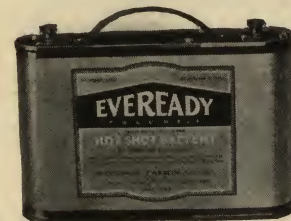


A low-price general utility cell of high quality.

For radio, ignition and all general purposes.

Each
No. 6-H—1 1/2 volts, 2 5/8 in. diam., 6 5/8 in. high; wt. per package 53 lbs.\$0.42
Twenty-five in a unit package.

EVEREADY HOT SHOT



Steel Case

For all purposes requiring four or more dry cells in series.

Composed of specially selected cells assembled in

a steel container. All internal connections are made with soldered copper strips and the cells are insulated against accidental short circuits.

Each
No. 1461—6 volts, 10 3/8 in. long, 2 3/4 in. wide, 7 1/4 in. high; wt. each 10 lbs.\$2.50
Six in a unit package.

HERCULES HOT SHOT



A low price general utility hot shot battery.

For use on door bells, burglar alarms, small lights for closets, etc.

Each
No. 641—6 volts, 10 3/8 in. long, 2 3/4 in. wide, 7 1/4 in. high; wt. each 10 lbs.\$2.12
Six in a unit package.

VOLTMETERS

LEADER



Designed especially for testing 22½ and 45 volt units of dry "B" batteries and wet "B" batteries within range of scale.

Nickel plated case clearly marked dial.

Each

No. 203—0 to 50 volt scale, 1 volt divisions, 2 in. diam. case, 12 in. cord; wt. each 2¼ ozs. ...\$1.50
One in a carton.

AMMETERS

STERLING

Designed especially for testing dry cells.

Widely used by radio set owners, electricians, gas engine users, repair men, telephone men, etc.

Also used as a polarity indicator.

Nickel plated finish.

Note—Ammeters should not be used on storage batteries. A voltmeter should be used for testing storage batteries.

Each

No. 24—0 to 35 ampere scale, 1 ampere divisions, 2¼ in. diam. case, 12 in. cord; wt. each 3½ ozs. ...\$1.50
One in a carton.

RADIO TUBES

Sylvania
RADIO TUBES



Note — Tubes listed below represent 70 per cent of replacement



Other tubes can also be furnished.

Nos.	Each
01A—Amplifier and detector	.....\$0.70
24A—A-C screen grid amplifier	.... 1.00
26—A-C amplifier	..... .70
27—A-C amplifier and detector	.... .80
35/51—Super control tetrode	..... 1.00
45—Power amplifier	..... .80
47—Power pentode	..... 1.00
71A—Power amplifier	..... .80
80—Full-wave rectifier	..... .70

Fifty in a case.

LEAD-IN STRIPS

KNOX



Completely insulated. Equipped with Fahnestock clips. Soldered.

Each

No. 230—12 in. long; wt. per carton 2 lbs.\$0.10
Fifty in a carton.

BATTERY CHARGING CLIPS

UNIVERSAL



Steel, Cadmium Plated

Teeth on both jaws; nine pound spring assures good contact; screw connection.

Each

No. 45 Pee-Wee—1½ in. long, ¾ in. jaw spread, for general use; wt. per 100, 1½ lbs.\$0.10
Ten in a box.

Steel, Lead Coated

Teeth on one jaw and notch on the other so that it will stand erect on a round battery post without lapping over; 17 lb. spring.

Each

No. 24-A—25 amperes, 2½ in. long, 1 in. jaw spread, for general testing purposes; wt. per 100, 5 lbs.\$0.15
Ten in a box.

Steel, Lead Coated

Equally suitable for constant potential or series charging; 33 lb. spring protected by a copper shunt.

Each

No. 21-A—50 amperes, 3¾ in. long, 1½ in. jaw spread, for battery service stations; wt. per 100, 15 lbs.\$0.25
Ten in a box.

RADIO GROUND CLAMPS



For use in grounding a radio set or other apparatus to a water or radiator pipe. Durable and rigid because of the channelled construction. When applied, will not bend or lop over.

Cadmium plated.

Each

No. 58—Fits pipe ¾ to 1½ in. O.D.; wt. per 100, 8 lbs.\$0.20
Ten in carton, 100 in standard package.

LIGHTNING ARRESTERS

Resistor Type
Genuine Bakelite



Modernistic in design, modern in performance. Positive calibrated resistor.

Each

No. K1020—3¾ in. long, 1½ in. wide, 1¾ in. high; wt. per 100, 20 lbs.\$0.40
One in a carton.

INSULATORS

Clear Glass



Per 100

No. 102—4 in. long, 1¾ in. diam; wt. per 100, 24 lbs. ..\$10.00
One in a carton.

SCREW EYE INSULATORS



Porcelain insulator; galvanized screw.

Each

No. 430—7 in. long, 1½ in. diam., ⅝ in. hole; wt. per 100, 12 lbs.\$0.06
100 in a carton.

PORCELAIN KNOBS

Nailnob—Unglazed



Large clean wireways with positive gripping fins; extra heavy cap that really grips.

With Nails

Extra long 16d nails, cement coated and rustproof; heavy real leather washer under nail; machine driven spring steel washer positively prevents separation of cap and base.

Per 100

No. 51½—1¾ in. high, 1½ in. diam.; ¼ in. hole, size wire 12 to 14; wt. per 100, 16 lbs.\$3.00
100 in a carton.

PORCELAIN TUBES



White Unglazed

Per 100

No. 5163—⅝ in. hole, 3 in. long; wt. per 100, 7 lbs.\$2.00
Open stock.

GLASS INSULATORS

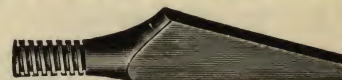
Double Groove—Pony

Per 100



No. 12—Diam. groove ¾ in., base 2¾ in. height 3½ in.; wt. each 10½ ozs. weight per 1000 688 lbs.\$20.00
400 in a standard package.

INSULATOR BRACKETS



Oak; painted.

Nos.	4007/1½
Width, in.	1½
Length, in.	12
Offset, in.	2
Wt. per 1000, lbs.	625
Per 100	\$7.00

INSULATED STAPLES



For use on all low voltage circuits of interior wiring, such as telephone, telegraph, annunciator and bell work. Fiber insulation under head is of double thickness and will not come off in driving.

Per 1000

No. 3—⅝ in. long, ⅜ in. wide wt. per 1000, 2 lbs.\$4.00
100 in carton, 1000 in standard package.

FRICTION TAPE

DUTCH BRAND



$\frac{3}{4}$ In. Wide,
Black

Made of the finest long fibre Sea Island cotton fabric, not only coated but thoroughly impregnated with

pure rubber friction. Foil wrapped.

Nos.	1	2	4	8
Size rolls, ozs.	1	2	4	8
Rolls in crtn.	16	16	12	6
Wt. crtn., lbs.	1½	2½	3½	3½
Per roll	\$0.05	.10	.20	.35

Each roll in an individual box.

FRICTION TAPE DISPENSERS

DUTCH BRAND



The strongest tape merchandising factor built in years. Colorfully printed in orange, blue and white. Mechanically perfect, substantially built, revolving.

Contains a very modest stock that every dealer can handle. Gives a bigger return per inch of counter space used than almost any other display.

Each

No. 400-Jr.—Contains 40 1-oz. rolls and 20 2-oz. rolls 16½ in. square by 15 in. high; wt. each 9 lbs. \$5.10
One in a carton.

ANNUNCIATOR WIRE

Single Wire, Cotton Covered, Paraffined
1 lb. spool.

Per spool

No. 18S-1—18 gauge\$0.60
155 ft. to lb.

AERIAL WIRE



Bare Copper
Stranded

Per coil
No. 831 — Size
7x22; wt. per
coil 1.39 lbs. \$0.70
100 feet in a coil.

RUBBER COVERED WIRE



Solid Conductor—Single Braid

Single cotton braid, rubber insulation, moisture and flame resisting finish. National Electrical Code Standard.

Furnished in either black or white cover. Black will be furnished unless white is specified.

B. & S. Gauge	14	12	10
Diameter, in.	13/64	14/64	15/64
Insulation, in.	$\frac{3}{32}$	$\frac{3}{32}$	$\frac{3}{32}$
Wt. 1000 ft., lbs. ..	29	39	53
Per 1000 feet	\$14.50	19.50	25.00

500 feet in a coil.

LAMP CORD



Type C—Twisted Twin Conductor

Per 1000 feet

No. 18C—Green and yellow, 18 ga.
 $\frac{3}{32}$ in. rubber insulation; wt.
per 1000 ft. 19 lbs.\$20.00
250 feet in a coil.

HEATER CORD



Type A—Twisted Twin Conductor

Code standard; close wrapped; with asbestos serving; twisted two conductor; stranded. For use with portable heating equipment and appliances. American wire gauge.

Per 1000 feet

No. 18A—Grey, 18 ga., $\frac{3}{32}$ in. rubber insulation; wt. per 1000 ft. 67 lbs.\$26.00
250 feet in a coil.

PORTABLE CORD



Twin Conductor

Outside sheath of live rubber, National Electric Code Standard. Used for drops, extensions, trouble lights, portable motors, etc.

Per 1000 feet

No. 7709—18 ga., outside diam.
.350 in.; wt. per 1000 ft. 70
lbs.\$80.00
250 feet in a coil.

FIXTURE CORD



Parallel Twin Conductors

Each conductor covered with cotton serving, wall of rubber compound and artificial silk braid. Conductors laid parallel and covered with artificial silk braid.

Furnished in maroon, brown and gold.

Per 1000 feet

No. 18E—18 ga., $\frac{3}{32}$ in. rubber insulation; weight per 1000 ft.
10 lbs.\$22.00
500 feet on a spool.

Note—When ordering, specify color wanted.

PRIMARY WIRE



Stranded Conductor—Single Braid

Cotton wound conductor, insulated with black rubber and one hard glazed cotton braid over all, lacquer finish.

Per 1000 feet

No. 18SB—18 ga., outside diam.
.154 in.; wt. per 1000 ft. 14 lbs. \$23.00
100 feet on a spool.

ARMORED BUSHED CABLE



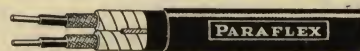
ABC Twisted

Copper conductors, each insulated with N. E. C. Standard rubber insulation and covered with cotton braid, twisted together and wrapped with Kraft wrapping paper and covered with single helical wrap of steel armor.

Nos.	14/2ABC	14/3ABC
Conductors	2	3
Gauge	14	14
Wt. 1000 ft., lbs. ..	245	280
Per 1000 feet	\$56.00	91.00

250 feet in coil.

NON-METALLIC SHEATHED CABLE



"Paraflex"—Parallel Twin Conductor

Each conductor has rubber wall covered with saturated braid and helical wind of tough paper twine. Over all is braid saturated with fire and moisture resisting compounds.

Per 1000 feet

No. 14/2N—14 ga.; wt. per 1000 feet 104 lbs.\$53.00
250 feet in a coil.

FLEXIBLE NON-METALLIC CONDUIT



"Duraduct"—Single Wall

Seamless, non-collapsible and inseparable. Will withstand rough usage. Stiff insulating fibre interwoven. The wall cannot be broken down.

Per 1000 feet

No. 732— $\frac{7}{8}$ in., .297 in. I. D., .438 in. O. D.; wt. per 1000 feet, 33 lbs.\$27.00
250 feet in a coil.

BOX CONNECTORS

Straight Standard Squeeze Type

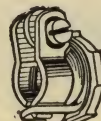


For use with armored cable, armored lead cable, flexible metallic conduit and armored lamp cord. Cadmium plated.

Per 100

No. 1700V— $\frac{1}{2}$ in. knockout, $\frac{5}{8}$ in. cable opening; wt. per 100, $7\frac{1}{4}$ lbs.\$8.00
100 in a carton.

Hinged Squeeze Type

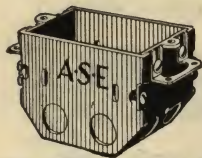


For non-metallic sheathed cable. Cable may be pulled through throat of connector before stripping outer braid. Cadmium plated.

Per 100

No. 1703— $\frac{1}{2}$ in. knockout, $\frac{5}{8}$ in. cable opening; wt. per 100, 8 lbs.\$8.00
100 in a carton.

SWITCH BOXES



Galvanized. With two loom K. O. in each beveled end and two in each side.

Without Clamps

Each

No. 225—2¼ in. deep, 3 in. long, 2 in. wide; wt. per 100, 62 lbs....\$0.20
50 in a standard package.

OUTLET BOXES



4-Inch Octagon

Galvanized with four ½ in. K. O. in sides and five ½ in. K. O. in bottom. Fixture stud holes and mounting holes.

Each

No. 5415½—1½ in. deep; wt. per 100, 66 lbs.\$0.18
50 in a standard package.

LAMP SOCKETS

Brass, Key



Brush brass finish. 250 watts, 250 volts.

Each

No. 9842—With ¼ in. cap; wt. per package 53 lbs. ..\$0.20

25 in carton, 250 in standard package.



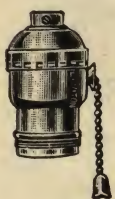
Brass, Keyless

Brush brass finish. 660 watts, 250 volts.

Each

No. 9843—With ¼ in. cap; wt. per package 47 lbs.\$0.18

25 in carton, 250 in standard package.

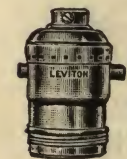


Brass, Pull Chain

Brush brass finish. 250 watts, 250 volts.

Each

No. 8002—With ¼ in. cap; wt. per package 46 lbs.\$0.28
25 in carton, 250 in standard package.



Brass, Electroliner, Push-Thru

Brush brass finish. 250 watts, 250 volts.

Each

No. 9998—With ¼ in. cap; wt. per package 39 lbs.\$0.22

25 in carton, 250 in standard package.

RECEPTACLES



Bakelite, Pony, Cleat Medium base. 660 watts, 250 volts.

Each

No. 9063—Brown; wt. per package 40 lbs.\$0.12

10 in carton, 250 in standard package.

ROSETTES

Porcelain

Two-piece, Fuseless

660 watts, 250 volts.

Each



No. 9065—Diam. base 2⅝ in., height 1¼ in., screw hole spacing 1⅝ in.; wt. per package 90 lbs. ..\$0.20

10 in carton, 250 in standard package.



Porcelain Fuseless, Cleat

660 watts, 250 volts.

Each

No. 9117—Diam. base 2¼ in., diam. over lugs 2⅞ in., height 1⅝ in., screw hole spacing 1⅝ in.; wt. per package 58 lbs.\$0.12
10 in carton, 250 in standard package.

SURFACE SWITCHES

Toggle

With Bakelite Cover

3 amperes, 250 volts. 6 amperes, 125 volts.

Each



No. 1010—Single Pole; wt. per package 31 lbs.\$0.20

No. 1015—Three Point; wt. per package 34 lbs.\$0.42
10 in carton, 100 in standard package.

FLUSH RECEPTACLES

Single, Bakelite

10 amperes, 250 volts. 15 amperes, 125 volts.

Each

No. 201A—Brown; wt. per package 20 lbs.\$0.12

One in carton, 200 in standard package.



Duplex, Bakelite

10 amperes, 250 volts. 15 amperes, 125 volts.

Each

No. 202A—Brown; wt. per package 28 lbs.\$0.16

One in carton, 200 in standard package.



FLUSH SWITCHES

Toggle

5 amperes, 250 volts. 10 amperes, 125 volts. Porcelain base.

Each

No. 1000—Single Pole; wt. per package 28 lbs. ..\$0.17

One in carton, 100 in standard package.



Toggle

5 amperes, 250 volts. 10 amperes, 125 volts.

Each

No. 1001—3-way; wt. per package 30 lbs.\$0.34

One in carton, 100 in standard package.



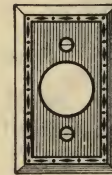
RECEPTACLE PLATES

Single Ribbed Bakelite

Decorative border.

Each

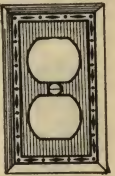
No. 1904—One gang; wt. per package 10 lbs. \$0.10
50 in carton, 100 in standard package.



Duplex Ribbed Bakelite Decorative border.

Each

No. 1903—One gang; wt. per package 10 lbs. \$0.10
50 in carton, 100 in standard package.



SWITCH PLATES

Toggle

Ribbed Bakelite

Decorative border.

Each

No. 1901—One gang; wt. per package 10 lbs. \$0.10
50 in carton, 100 in standard package.



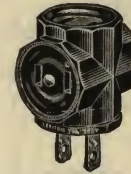
CUBE TAPS

Three-Way Bakelite

10 amperes, 250 volts.

Each

No. 9127—Brown; wt. per pkg. 10 lbs. ..\$0.10
25 in carton, 100 in standard package.



TWIN LIGHT SOCKETS

Bakelite

660 watts, 250 volts. Medium base.

Each

No. 9128—Brown; wt. per package 12 lbs.\$0.16
10 in carton, 100 in standard package.



CURRENT TAPS

Bakelite

660 watts, 250 volts. Medium base.

Each

No. 91403—Brown; wt. per package 13 lbs.\$0.16
25 in carton, 100 in standard package.



OFFSET TWIN SOCKETS

Bakelite

660 watts, 250 volts. Medium base.

Each

No. 91402—Brown; wt. per package 12 lbs.\$0.16



10 in carton, 100 in standard package.

ATTACHMENT PLUGS

Bakelite

660 watts, 250 volts.

Steel blades.

Each

No. 9000—Brown; wt. per 100, 6½ lbs. ..\$0.08

EXTRA BASES

No. 9125—Brown; wt. per package 18 lbs.\$0.05
500 in a standard package.

EXTRA CAPS

No. 9120—Brown; wt. per package 14 lbs.\$0.03
500 in a standard package.



ATTACHMENT PLUG CAPS



Rubber Handle
660 watts, 250 volts.
Each
No. 1501—Wt. per pack-
age 21 lbs.\$0.07
25 in carton, 250 in standard
package.

APPLIANCE PLUGS



Bakelite
5 amperes, 250 volts.
10 amperes, 125 volts.
Without Switch
Each
No. 9132—Brown; wt.
per package 13 lbs.\$0.11
10 in carton, 100 in standard
package.



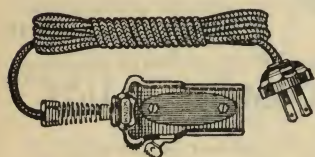
Bakelite
3 amperes, 250 volts.
6 amperes, 125 volts.
With Switch
Each
No. 950—Brown; wt. per
package 20 lbs.\$0.20
10 in carton, 100 in standard
package.

HEATER CORD SETS



A Gold Label cord set approved by Underwriters' Laboratories; built better than maximum Underwriters' "10,000 cycle test" requirements. New type cold moulded plug—Bi-Metal clips, heat-resisting, give positive contacts. "Strain-Relief" Tie prevents damage to connections.

Each
No. 38-64—6 ft. cord; wt. per carton
2½ lbs.\$1.00
Six in a display package.



With Switch Plug
Beautifully colored silk cord with bakelite appliance plug and attachment.

Each
No. 630A—6 ft. cord; wt. per pack-
age 47 lbs.\$0.65
100 in a standard package.

With Switchless Plug
Each
No. 625A—6 ft. cord; wt. per pack-
age 43 lbs.\$0.50
100 in a standard package.

HEATER CORD SETS



A low-priced but well-made and durable cord set.
Complete with appli-
ance plug and attach-
ment cap.
Each
No. 1 Special—5 ft. cord\$0.25
100 in a standard package.

RADIO AND BATTERY SWITCHES



Single Pole, Single Throw
25 amperes, 125 volts.
Porcelain base.
Each
No. 9912—Base 1½x3¼ in., screw
hole spacing 2½ in.; wt. per
package 22 lbs.\$0.15
10 in carton, 100 in standard package.

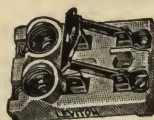


Single Pole, Double Throw
25 amperes, 125 volts.
Porcelain base.
Each
No. 9914—Base 1½x3¾ in.; screw
hole spacing 1½ in.; wt. per
package 19 lbs.\$0.18
10 in carton, 100 in standard package.

Double Pole, Single Throw
25 amperes, 125 volts. Porcelain base.
Each
No. 9913—Base 2x2½ in., screw hole
spacing 2 in.; wt. per package
39 lbs.\$0.30
10 in carton, 100 in standard package.

Double Pole, Double Throw
25 amperes, 125 volts. Porcelain base.
Each
No. 9915—Base 2½x3¾ in., screw
hole spacing 2 in.; wt. per pack-
age 34 lbs.\$0.35
10 in carton, 50 in standard package.

ENTRANCE SWITCHES



Double Pole Main Line
30 amperes, 125 volts.
Porcelain base.
For fuses at top.
Each
No. 8712—Base 4½x3 in., screw hole
spacing 3½ in.; wt. per pack-
age 122 lbs.\$0.80
Two in carton, 100 in standard package.

PLUG FUSES

ECONOMY



Clearsite
With "Drop-Out" Link
Body of black heat-
resisting molded insula-
tion of far greater
strength than porcelain
or glass.
Small, strong, clear window; easily in-
spected.
Nos. 5706 5710 5715
Amperes 6 10 15
Each\$0.07 .07 .07
Nos. 5720 5725 5730
Amperes 20 25 30
Each\$0.07 .07 .07
Weight per 100, 7 lbs.
Five in a box.

NON-RENEWABLE FUSES

ECONOMY



Nos.	Amp.	Carton		Each
		qty.	Wt. carton ozs.	
1110	10	10	7	\$0.15
1115	15	10	7	.15
1120	20	10	7	.15
1130	30	10	7	.15
1145	45	10	16	.30
1150	50	10	16	.30
1160	60	10	16	.30

ELECTRIC BELLS

SIGNAL JR.

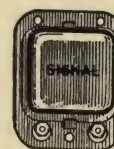


Will operate from battery
or door bell transformer.
Base and cover of drawn
steel.
Double coils, silver con-
tacts, polished nickle gong-
Gray finish.

Each
Junior—2½ in. gong; wt. per pack-
age 43 lbs.\$0.45
100 in a standard package.

ELECTRIC BUZZERS

SIGNAL JR.



Will operate from battery
or door bell transformer.
Base and cover of drawn
steel.
Double coils, silver con-
tacts.
Gray finish.

Each
Junior—Wt. per package 40 lbs. ..\$0.40
100 in a standard package.

PUSH BUTTONS

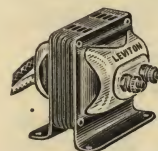
Brown Bakelite



Each
No. 9700—1¾x1¾ in.;
wt. standard pack-
age 22 lbs.\$0.15
One in a carton, 250 in a
standard package.

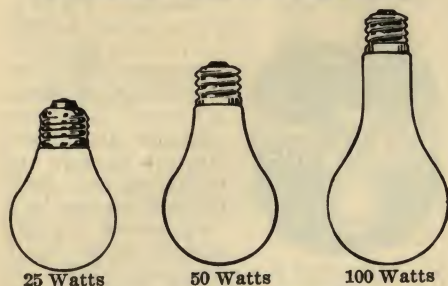
BELL RINGING TRANSFORMERS

For Alternating Current



Primary 110 volts; sec-
ondary 8 volts; 60 cycles.
Operates door bells,
buzzers, door openers and
annunciators of average
residence.
Galvanized metal and porcelain.
Each
No. 1152—2¼ in. high, 2½ in. wide,
2¼ in. long; wt. per package 46
lbs.\$0.90
One in carton, 50 in standard package.

HYGRADE LAMPS GENERAL LIGHTING SERVICE



25 Watts

50 Watts

100 Watts

Standard Inside Frosted

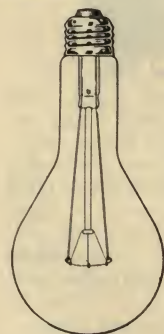
Medium Screw Base, 115 and 120 Volts				
Watts	15	25	40	50
Bulb	A-17	A-19	A-19	A-21
Std. pkg.	120	120	120	120
Std. pkg., lbs.	11.0	12.5	13.0	15.0
Each	\$0.15	.15	.15	.15
Watts	60	75	100	
Bulb	A-21	A-21	A-23	
Std. pkg.	120	60	60	
Std. pkg., lbs.	1.60	8.0	10.0	
Each	\$0.15	.20	.20	

High Voltage Inside Frosted Medium Screw Base 220 Volts

Watts	50	100	200
Bulb	A-21	A-23	PS-35
Std. pkg.	120	60	24
Std. pkg., lbs.	15.0	10.0	7.0
Each	\$0.26	.38	.90

High Voltage Inside Frosted Mogul Screw Base, 220 Volts

Watts	300
Bulb	PS-35
Std. pkg.	24
Std. pkg., lbs.	19.5
Each	\$1.35



Clear Medium Screw Base 115 Volts

Watts	150	200
Bulb	PS-25	PS-30
Std. pkg.	60	24
Std. pkg., lbs.	23	7.0
Each	\$0.40	.55

White Bowl Medium Screw Base 115 Volts

Watts	150	200
Bulb	PS-25	PS-30
Std. pkg.	60	24
Std. pkg., lbs.	23	7.0
Each	\$0.45	.60

Clear Mogul Screw Base 115 Volts

Watts	300
Bulb	PS-35
Std. pkg.	24
Std. pkg., lbs.	19.5
Each	\$0.90

HYGRADE LAMPS GENERAL LIGHTING SERVICE

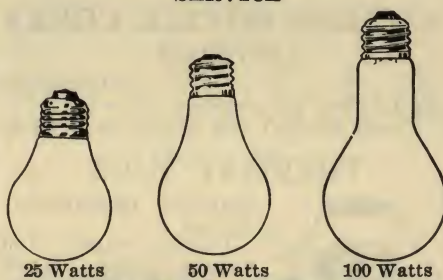


Daylight Medium Screw Base 115 Volts

Produces light which will ordinarily make colors appear about as in daylight. Especially useful in show windows, department stores, printing offices or wherever colors have to be matched.

Watts	60
Bulb	A-21
Std. pkg.	120
Std. pkg., lbs.	16.0
Each	\$0.30

COUNTRY HOME LIGHTING SERVICE



25 Watts

50 Watts

100 Watts

Standard Inside Frosted Medium Screw Base, 28 and 32 Volts

Watts	15	25	50	100
Bulb	A-17	A-19	A-21	A-23
Std. pkg.	120	120	120	60
Std. pkg., lbs.	11.0	12.5	15.0	10.0
Each	\$0.25	.25	.27	.40

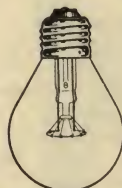
ROUGH SERVICE Inside Frosted Medium Screw Base 115 Volts



Adapted for extension cord service in shops, garages and ship yards in which the lamp receives rough handling.

Watts	50
Bulb	A-19
Std. pkg.	120
Std. pkg., lbs.	13
Each	\$0.37

MILL SERVICE Clear Medium Screw Base 115 Volts



Constructed particularly for industrial service where there is jar or vibration. Recommended for base up burning only.

Watts	50
Bulb	P-19
Std. pkg.	120
Std. pkg., lbs.	12.5
Each	\$0.25

For Flashlight Lamps, See Page 509

HYGRADE LAMPS DECORATIVE LIGHTING SERVICE



Inside Colored, 115 Volts Red, Yellow, Blue, Green Medium Screw Base

Watts	25
Bulb	A-19
Std. pkg.	120
Std. pkg., lbs.	12.5
Each	\$0.20

Note—When ordering, specify color desired.



Flametint 115 Volts Medium Screw Base



A Type	G Type
Watts	40
Bulb	A-21
Std. pkg.	120
Std. pkg., lbs.	28
Each	\$0.20

LAMP GUARDS



Non-Locking

Closed with round head screws.

For Lamps 60 Watts or Less
Not over 5 1/2 inches total length.

Each
No. 2160—For standard brass sockets; wt. per carton 2 1/4 lbs. ...\$0.50
Ten in a carton.

CHRISTMAS TREE OUTFITS



"Loop" type construction, with patented triplug connectors, and beads.

Per outfit
No. 842—8 light, with 15-volt No.
C6 cone shaped; Mazda Lamps;
wt. per outfit 1/2 lb. ...\$0.35
One outfit in a display box.

MAZDA LAMPS



For Series Outfits Miniature Base (American Made)

Each
No. C6—15-volt, cone shaped, assorted red, green, blue, orange white; wt. per carton
22 lbs. ...\$0.06
100 assorted in display package.
10 display packages in carton.

VACUUM BOTTLES



COLUMBIA

Heavy steel case; Mahogany red enamel finished; polished aluminum shoulder and cup.

Equipped with glass filler and spring shock absorber.

Nos.	1011	1012
Capacity	1 pt.	1 qt.
Wt. doz., lbs.	16	27
Each	\$1.20	2.00

One in a carton.



UNIVERSAL

Extra heavy seamless brass case. Rust proof construction throughout. Chromium plate, blue diamond finish cup and case. Inside of cup silver plated.

Equipped with glass filler and spring shock absorber.

Nos.	7591	7952
Capacity	1 pt.	1 qt.
Wt. doz., lbs.	21	36
Each	\$2.00	3.60

One in a carton.



ALADDIN SANI-SEALED

Non-refillable—prevents seepage into space between bottle and jacket, keeping it absolutely sanitary.

Shock-resisting and durable.

Finished in red, green, or blue—shoulder and cup polished.

Nos.	10	30
Capacity	1 pt.	1 qt.
Size, in.	3½x9½	4½x11½
Wt. doz., lbs. ..	12	24
Each	\$1.40	2.50

One dozen in a carton.



STANLEY

Strong, all-steel construction, electrically welded. The efficient vacuum, sealed between the inner and outer walls of the bottle, keeps liquids hot or cold for long periods. There is no filler, no glass, nothing to break, no unsealed openings. Stain-proof, flexible porcelain enamel lining, will not crack or chip, easy to clean and sanitary. Handsome green pebble finish with bright nickel base and cup.

Nos.	913	914	915
Capacity	1 pt.	1 qt.	2 qts.
Wt. doz., lbs.	36	48	72
Each	\$6.75	7.00	12.60

One in a carton.

VACUUM BOTTLE

FILLERS



UNIVERSAL

First grade and high tested, perfect in every respect before leaving factory.

Nos.	01	02
Capacity	1 pt.	1 qt.
Wt. doz., lbs.	10	17
Each	\$1.00	1.80

One dozen in a case.

VACUUM BOTTLE CORKS

UNIVERSAL

Per dozen

No. C2—For all pint and quart vacuum bottles; size 1½x1½ in. ..\$0.90

THERMAL JUGS

ROYAL PEERLESS



Double seamed and welded jacket; white glazed earthenware inside liner; large aluminum screw cap and stopper.

Keeps liquids hot or cold.

Finished in green enamel.

No. 100—Capacity 1 gallon; 11¼x8½ in.; wt. each 8½ lbs.	Each \$1.60
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One in a carton.

ROYAL

Double seamed and welded jacket; white glazed earthenware inside liner; large aluminum screw cap and stopper.

Similar to the No. 100, but has more genuine cork insulation insuring more efficient retaining of temperatures.

Finished in apple green enamel.

No. 116—Capacity 1 gallon; 11¼x9½ in.; wt. each 9½ lbs.	Each \$1.80
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One in a carton.

UNIVERSAL



With Faucet

Green enameled finish; earthenware Crock lining, inside porcelain glazed.

Handy faucet eliminates the need of tipping the jug or dipping out the contents.

Insulation liquid tight. Will maintain high or low temperature for many hours.

No. 1395—Capacity 1 gallon weight each 12½ lbs.	Each \$5.40
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One in a carton.

THERMAL JUGS

ALADDIN



Seamed water-tight jacket finished in verdure green.

Aladex heat resisting glass inner container and combination stopper and cup are durable and easily cleaned. Arch-
ed ball bearing locking device keeps stopper tight. Each

No. 416—Cap. 1 gal.; 3½ in. opening; wt. each 7½ lbs.\$2.60
One in a carton.

LUNCH KITS

COLUMBIA



Workmen's Kit

Black finish; equipped with 1 pint bottle, polished aluminum shoulder and drinking cup, with detachable wire handle

Bottle firmly held in cover by

easily operated metal clip. Nickel plated clasp.

Hinged Cover

No. 2011—Size 10½x4¾x7 in.; wt. each 2½ lbs.\$2.00
One in a carton, six in a case.



Outing and School Kit

Guaranteed high quality. Big food compartment. Strong all-steel case attractively enameled in dark green. Safety catch on cover. Equipped with half pint bottle to match case. Unbreakable large drinking cup.

No. 1060—Size 8¾x6½x2¾ in.; wt. each 2 lbs.\$0.95
One in a carton, six in a case.

ALADDIN



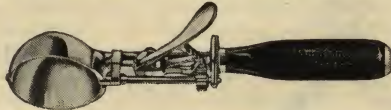
Well made and durable. Outside finished in dull pebble black, inside lacquered. Has support for holding vacuum bottle in cover,

ventilation louvers and name plate holders.

Not Furnished with Vacuum Bottle

No. 095—Size 10¾x4¾x7½ in.; wt. each 1½ lbs.\$2.40
One in a carton.

ICE CREAM DISHERS HAMILTON BEACH AUTOMATIC



Chromium finish; comes apart easily for cleaning. Gilchrist type thumb action. Hardwood handle, made large for easy grip; short shank for dishing hard ice cream.

No. 31—Concealed Spring

Dishes to qt.	10	12	16
Av. wt. doz., lbs....	11½	11	12
Each	\$2.70	2.70	2.70

Dishes to qt.	20	24
Av. wt. doz., lbs....	10½	10
Each	\$2.70	2.70

One in a box.

ICE CREAM FREEZERS DOLLY MADISON, ELECTRIC



For the Modern Kitchen

Tub constructed of Kiln-dried northern pine with welded galvanized hoops. Main frame and motor housing cadmium plated.

Ice Cream container and cover constructed of prime charcoal tinplate. Heavy cast dasher covered with two coats of pure Straits tin. Hard maple dasher scraper.

Gears are completely encased in a tight fitting gear case and greased at the factory so that salt water cannot touch them.

Heavy induction type motor entirely encased and geared to the correct freezing speed.

Operates on 50-60 cycle 105-115 volt alternating current. Complete with 6½ ft. approved cable and plug.

Outside finished in ivory with green interior.

Nos.	2-DM	4-DM
Capacity, qts.	2	4
Wt. each, lbs.	11½	18
Each	\$10.50	15.00

One in a corrugated fibre carton.

ICE CREAM FREEZERS PENGUIN



Triple Action with Crank

Full size tub of kiln-dried northern pine with welded galvanized wire hoops. Charcoal tinplate inside container with rugged cast dasher and cast cover, all treated with hot tin dip.

Mechanism is of improved triple action type with container inner and outer beater turning in different directions with every turn of the crank.

Handy grip handles for easy carrying.

Finished in green and ivory color combination, with the distinctive grained finish.

Quarts	2	4	6	8
Wt. each, lbs....	10	17	23	27
Each	\$5.00	7.30	9.00	11.70

Open stock.

HUSKY



With Crank

Clear white pine tub in natural finish with galvanized hoops and hardware.

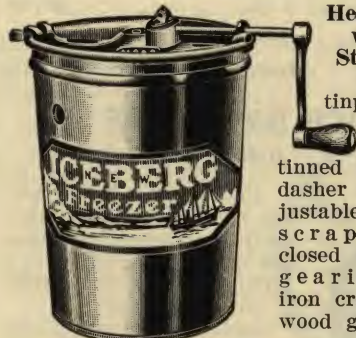
Red lacquered main frame.

Extra large ice packing space above inside container. Inside container of prime tinplate, rugged cast dasher, heavily tinned, with wood scrapers.

Gears are enclosed. Sturdy cast main frame and gears.

Quarts	2	4	6
No. in carton	6	4	2
Wt. carton, lbs....	36	43	34
Each	\$2.00	5.00	7.00

ICEBERG



Heavy Galvanized Steel Tub

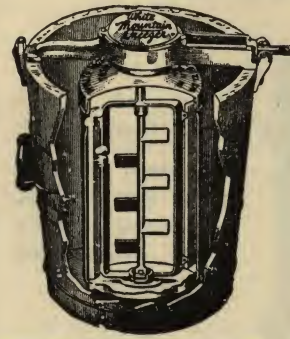
Charcoal tinplate can and cover tinned cast iron dasher and adjustable wood scrapers, enclosed cast iron gearing, cast iron crank with wood grip.

Freezes cream thoroughly and easily in 5 to 7 minutes.

Iceberg—Capacity 2 qts.; wt. per dozen 50 lbs.	Each	\$1.50
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One-half dozen in a carton, nested.

ICE CREAM FREEZERS WHITE MOUNTAIN



Triple Action

The triple motion of this freezer keeps the cream constantly moving and insures every particle being smoothly and evenly frozen and properly mixed.

Hardened green select-

ed wood tub and round wire hoops; Keystone copper steel charcoal tinplate can; tin plated cast iron cover; tinned malleable iron beaters with double self-adjusting wood scraping bars; tinned inside parts; outside castings bright galvanized; covered gearing; improved gear case.

With Crank and Bail

Nos.	21	22	23	24
Cap., qts....	1	2	3	4
Wt. each, lbs.	6	11	13	15
Each	\$4.80	5.70	6.70	8.00

Nos.	26	28	210	Ⓕ212
Cap., qts....	6	8	10	12
Wt. each, lbs.	23	26	35	50
Each	\$10.30	13.40	18.00	21.50

Nos.	Ⓕ215	Ⓕ220	Ⓕ225
Cap., qts.	15	20	25
Wt. each, lbs....	56	73	80
Each	\$25.00	32.50	41.50

One in a carton.

ARCTIC



Single Action

A new design single motion machine. The can turns while the beater remains stationary. The tub is made of selected stock, is water-tight and securely

bound with wire hoops; the can is made of copper steel charcoal tinplate, having a tin plated cast iron cover; the beater is of cast iron, tin plated and fitted with double self-adjusting wood scraping bars; all outside castings are galvanized.

With Crank and Bail

Nos.	32	33	34
Cap., qts.	2	3	4
Wt. each, lbs....	10	12	14
Each	\$4.50	5.50	6.60

Nos.	36	38	310
Cap., qts.	6	8	10
Wt. each, lbs. ..	21	25	33
Each	\$8.40	11.00	14.70

One in a carton.

NOTE—Goods Marked Ⓕ Not Carried in Stock but Shipped Direct from Factory.

WATER COOLERS

NATIONAL

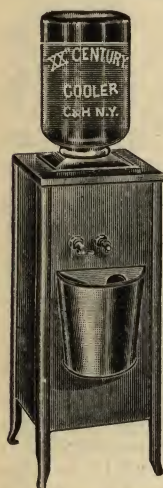


Japanned, Ivory
with Green Trim

Specially designed
walls; side handles.
Self-closing push
button faucet, gal-
vanized reservoir.

Nos.	04	06
Trade capacity, gals...	4	6
Weight each, lbs.....	17	23½
Each	\$5.30	6.00
Nos.	08	010
Trade capacity, gals...	8	10
Weight each, lbs.....	33½	37½
Each	\$7.50	9.50
One in a carton.		

XX CENTURY



A modern cabinet
cooler of all welded
heavy steel construc-
tion. Eight pound cork
insulation makes it pos-
sible to cool from 5 to
10 gallons of water per
day with one icing of
15 to 20 pounds.

Water is cooled in
sanitary glazed crock
(about 1 gallon) but is
never touched by the
ice. Has a 10 quart
waste pail with provi-
sion for disposing of
used paper cups.

Cooler accommodates
a regular 1 to 5 gallon
bottle and is equipped
with automatic push
button faucet. A cup

dispenser will be
furnished free upon re-
quest.

Height without bottle 40 inches. Floor
space required 15 square inches.

Furnished without Bottle

No. 35—Bronze finish; weight each	Each
65 lbs.	\$22.00
One in a carton.	

WATER COOLER BOTTLES



For XX Century
Water Coolers

No. 5—Capacity 5 gals.; green glass;	Each
weight each about 15 lbs.	\$3.50
One in a carton.	

REFRIGERATOR BOTTLES



Green Glass
With black cap.

No. G601—Cap. 1 qt.,	Per dozen
ht. over all 8¾ in.;	
wt. per dozen 19 lbs. \$1.70	
Two dozen in a carton.	
No. G602—Cap. 2 qts., height over	Per dozen
all 9¾ in.; weight per dozen	
29 lbs.	\$3.60
One dozen in a carton.	

ICE PICKS

ARCADE



Needle shaped steel point; pear shaped
handle, mahogany finished.

No. 9529—4 in. pick; 7 in. long over	Per dozen
all; weight per dozen 2 lbs. ..	\$1.20
One dozen in a carton.	



Steel point; solid iron rounded hexa-
gon head flattened on one side to prevent
rolling; solid head convenient for crack-
ing ice; handle 1¾x1¾ in.; nicked fin-
ish.

No. 9530—Length over all 7¾ in.;	Per dozen
weight per dozen 4 lbs.	\$1.60
One dozen in a carton.	

ICE CHIPPERS

HAMILTON BEACH NEEDLE POINT



Malleable Iron

Tinned, best crucible steel points, hard-
ened and tempered, wood handle. Chips
ice with wonderful ease and rapidity
without scattering.

No. 50—9¼ in. long, 2½ in. width	Per dozen
of blade holding teeth; weight	
per dozen 5 lbs.	\$6.40
One in a carton, one dozen in a	
shipping carton.	

ICE BREAKERS

LIGHTNING



Can be used for break-
ing ice to any size; also
useful as measuring glass
and mixer.

Plunger does not strike
or chip the glass.

Chromium plated lid
and handle, plunger and
breaker knives rustproof.

No. 102—Capacity of	Each
glass 20 ozs.; wt.	
per dozen 26 lbs. \$1.40	

One in a display container, one-half
dozen in a carton.

ICE TONGS

V. & B.



Drop Forged Steel
Painted Red

Hardened duck bill
points; swell handles;
no weld.

Nos.	2	3
Size	Retailers	Loading
Span, in.	17	24
Weight dozen, lbs. .	51	70
Each	\$3.20	3.50
Open stock.		

FAMILY



Solid Steel, Clear
Lacquer Finish

Pressed steel handle,
non-binding chain links.

No. 44—Span 12 in.; weight per	Per dozen
dozen 15 lbs.	\$4.30
Four dozen in a carton.	

JUICE EXTRACTORS



Green Glass,
Grapefruit and Orange

Bowl shaped, with handle, reaming
plug constructed to ream the smallest
fruit.

No. G13—Diameter 5½ in.; weight	Per dozen
per dozen 20 lbs.	\$3.20
Three dozen in a carton.	



Green Glass

Medium size plug; convenient flat han-
dle.

No. G14—Diameter 5 in.; weight	Per dozen
per dozen 11 lbs.	\$1.50
Four dozen in a carton.	



Green Glass

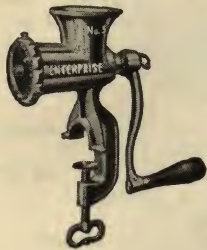
Perforated, for use over a fruit juice
jug.

No. G8—Diameter 4½ in.; weight	Per dozen
per dozen 9½ lbs.	\$1.20
Four dozen in a carton.	

MEAT AND FOOD CHOPPERS

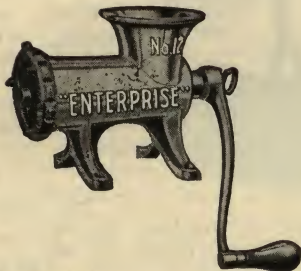
ENTERPRISE

Enterprise meat choppers cut the meat as with a pair of shears and do not grind, tear, mangle or squeeze it. All the nourishing juices of the meat and food are retained and it is impossible for any strings, sinews or gristle to pass through without being chopped. All parts are interchangeable.



**Tinned Iron, Steel Knife and Plate,
With Table Clamp**

- Each
- No. 5—Family size; chops $1\frac{1}{2}$ lbs. per minute; weight each $4\frac{3}{4}$ lbs. \$4.30
- No. 10—Restaurant size; chops 3 lbs. per minute; weight each $8\frac{3}{4}$ lbs. 7.40
- Six in a case.



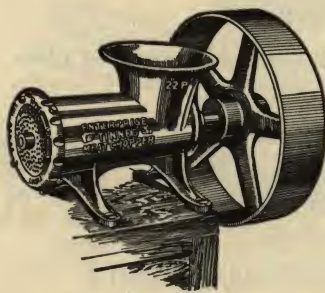
**Tinned Iron, Steel Knife and
Plate, Screws to Table**

- Each
- No. 12—Butchers' size; chops 3 lbs. per minute; weight each 9 lbs. \$ 7.40
- No. 22—Butchers' and Market Men size; chops 4 lbs. per minute; weight each 14 lbs. 12.70

No. 32—Butchers', Large Hotels and Restaurants size; chops 5 lbs. per minute; wt. each 22 lbs. 16.00

No. 12 and 22 six, No. 32 three in a case.

Note—One knife and one standard plate with $\frac{3}{8}$ in. holes are furnished with above choppers. Extra plates for finer or coarser cutting can be furnished; for prices see extra parts list.



POWER

For chopping large quantities of meat rapidly.

These power choppers do not heat or discolor the meat, are absolutely noiseless and are easily cleaned.

One plate only (Standard size $\frac{3}{8}$ in. holes) furnished with this machine. Other plates for coarser cutting can be furnished.

Tinned Iron, Steel Knife and Plate, with Tight Pulley

Each

No. 22-P—Capacity 150 lbs. of beef an hour, requires $\frac{1}{2}$ to $\frac{3}{4}$ horse power to operate, 12x2 in. pulley, speed of pulley 200 to 250 R. P. M.; wt. each packed 40 lbs. \$19.50

No. 32-P—Capacity 200 lbs. of beef an hour, requires $\frac{3}{4}$ to 1 horse power to operate, 12x3 in. pulley, speed of pulley 200 to 250 R. P. M.; wt. each packed 56 lbs. 22.00

One in a box.

SAUSAGE STUFFING ATTACHMENTS

ENTERPRISE

**Pure Aluminum, Corrugated Spout,
 $\frac{3}{4}$ in. Opening**

The corrugated spout prevents air entering the casing, thus preserving the sausage.

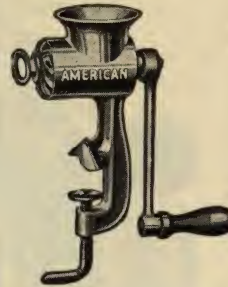


Nos.....	5A	10A	12A	22A	32A
For choppers, Nos.	5	10	12	22	32
Wt. per doz., lbs. $1\frac{1}{4}$	2	2	2	$2\frac{1}{4}$	$3\frac{1}{4}$
Each	\$1.40	1.50	1.50	1.70	2.40

One dozen in a carton.

FOOD CHOPPERS

AMERICAN



Double tinned three heavy cast self-sharpening cutting knives. Large in size, has flat cutting surface; straight ribs make it easy to clean; non-leakable.

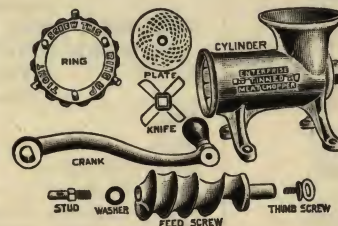
Each

American—Cap. 2 lbs. per minute, height above table $5\frac{1}{8}$ in., diameter of hopper $2\frac{1}{2}$ x3 in., diam. of barrel $2\frac{1}{8}$ in., wt. each 4 lbs. \$1.80

One-half dozen in a case.

MEAT AND FOOD CHOPPER PARTS

ENTERPRISE



NOTE—In Ordering Extra Parts Always give name of part and number of chopper for which part is wanted.

(Prices Given are Each)

For Choppers, Nos.	5	10	12	22	32
Cylinder	\$2.25	3.75	3.25	5.00	6.25
Feed screw	1.10	1.50	1.50	2.25	3.00
Washer for feed screw .....	.15	.15	.15	.20	.25
Knife .....	.40	.45	.45	.60	.90
Plate with 1, $1\frac{1}{8}$ or $1\frac{1}{4}$ in. holes. ....	...	...	...	...	2.50
Plate with $\frac{1}{4}$ to $\frac{7}{8}$ in. holes incl..	.60	1.10	1.10	1.65	2.50
Plate with $\frac{3}{8}$ in. holes .....	.55	1.00	1.00	1.50	2.25
Plate with $\frac{5}{8}$ or $\frac{1}{2}$ in. holes.....	1.25	2.00	2.00	2.50	3.25
Plate with $\frac{5}{8}$, $\frac{3}{4}$ or $\frac{1}{2}$ in. holes..	2.50	3.50	3.50	5.50	7.75
Ring .....	.60	.70	.70	1.10	1.30
Crank .....	.60	.70	.70	.90	1.10
Thumb screw .....	.15	.20	.20	.20	.25
Cross bar or washer.....	.15	.40	...	...	...
Clamp screw .....	.45	.45	...	...	...
Stud .....	.30	.40	.40	.55	.70
Flywheel and handle .....	...	...	...	4.50	5.00

POWER PULLEYS

ENTERPRISE

For Enterprise Meat and Food Choppers



Pulleys for hand choppers are cast iron, red enameled; diameter 12 in., face 2 in. These pulleys will stand all necessary strain to run the choppers for which they are intended. Very easily and quickly attached. The face of the pulley is brought away from the hopper of the chopper which prevents accidents.

Each

No. EP12—For No. 12 hand chopper; wt. each 10 lbs. \$1.80

No. EP22—For No. 22 hand chopper; wt. ea. 10 lbs. 1.80

No. EP32—For No. 32 hand chopper; wt. ea. 10 lbs. 1.80

Open stock.

FOOD CHOPPERS

UNIVERSAL



Will chop fine or coarse without mashing and with great rapidity.

Self - cleaning, self - sharpening, all parts interchangeable.

Machined cutter and beveled to give a shear like cutting edge. One Piece Cast Iron Frame.

Spiral Feed Screw, All Finely Tinned Each

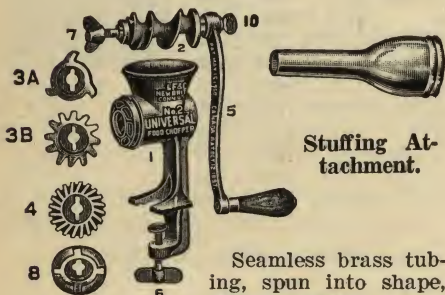
No. 00—Small Family Size; chops 1½ lbs. per min., 4¾ in. high above table, diam. of hopper 2¾x2½ in., diam. of barrel 1½ in., 3 cutters, coarse, medium and fine; wt. each 3 lbs.....\$2.30

No. 1—Regular Family Size; chops 2 lbs. per min., 5½ in. high above table, diam. of hopper 2¾x3½ in., dia. of barrel 1½ in., 3 cutters, coarse, medium and fine; wt. each 4½ lbs..... 2.80

No. 2—Large Family Size; chops 2½ lbs. per min., 6 in. high above table, diam. of hopper 3¼x3½ in., diam. of barrel 1½ in., 3 cutters, coarse, medium and fine; wt. each 4½ lbs..... 3.30

No. 3—Hotel and Market Size; chops 3 lbs. per min., 7 in. high above table, dia. of hopper 4x4¼ in., dia. of barrel 2¼ in., 4 cutters, very coarse to very fine; wt. each 8 lbs. 4.30
One in a carton, six in a case.

EXTRA PARTS FOR UNIVERSAL FOOD CHOPPERS



Stuffing Attachment.

Seamless brass tubing, spun into shape, nickel plated.

(Prices Given are Each)

For Choppers,

Nos.	00	1	2	3
1—Body	\$.075	1.00	1.25	1.50
2—Feed Screw	.40	.50	.50	.75
3A—Coarse Cut.	.15	.15	.15	.20
3B—Med. Cutter	.15	.15	.15	.20
3C—Fine Cutter	...	...	...	.20
4—Pulverizer	.15	.15	.15	.20
5—Crank	.20	.25	.25	.30
6—Clamp Scrw.	.15	.15	.15	.20
7—Thumb Nut	.10	.10	.10	.10
8—Nut Butter Grinder	...	.15	.15	...
10—Hdle. Screw	.10	.10	.10	.10
11—Stuff. Atch.	...	...	.70	.85

Note—In ordering Extra Parts, always give Component Part Number and Name, also Number of Chopper for which part is wanted.

SAUSAGE STUFFERS AND FRUIT PRESSES

ENTERPRISE



Corrugated Spout Prevents Air From Entering the Sausage Casing.

Black japanned finish; inside perforated tin cylinder is lipped for removal from iron

cylinder. Cast iron perforated strainer plate; one each large and small plunger plate.

Screw Movement

Nos.	25	31	35
Cap, qts.	4	6	8
Diam. cylinder, in.	6½	8½	8½
Height, in.	16¾	18¾	19½
Wt. ea., lbs.	36	51	53
Each	\$15.60	17.20	18.60

One in a case.

EXTRA PARTS FOR ENTERPRISE SAUSAGE STUFFERS AND FRUIT PRESSES

Prices Each

Nos.	25	31	35
Arch	\$4.00	4.00	4.50
Iron cylinder	4.25	5.50	6.25
Rack or screw	2.75	3.50	3.75
Plunger plate, large	1.10	1.75	1.75
Plunger plate, small	1.10	1.75	1.75
Strainer plate	1.10	1.75	1.75
Tin cylinder	2.50	3.00	3.50
Crank	.90	.90	.90
Scroll or Cogs, Per pair	2.15	2.15	2.15
Spout, ¾ in.	.90	.90	.90
Spouts, (Special) ¾, ½			
or ⅝ in.	1.25	1.25	1.25
Spout holder	.50	.50	.50
Side bolts, per pair	.90	.90	.90
Screw and washer for crank	.10	.10	.10
Latch	.25	.25	.25

STEAK HAMMERS

ARCADE



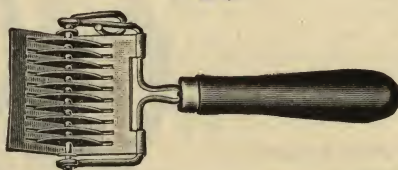
Nickel Plated Iron Head; Waxed Hardwood Handle

No. 2—Head 4 in. long; length over all 10¼ in.; wt. per dozen 7½ lbs.\$2.50

One dozen in a carton.

ROLL CUT MINCERS

T. & S.



Mincers, cuts noodles, chops nuts. Blades may be removed to make mincer cut wider.

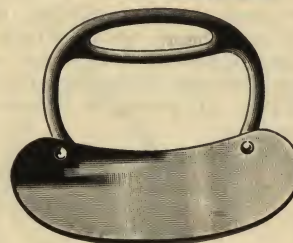
Green lacquered handle, guard can be used as a scraper.

No. 380—Length 7¼ in.; wt. per dozen 3 lbs.\$4.00

One in a carton.

MINCING KNIVES

ARCADE



Single Blade

Green enameled cast iron handle and polished nickelled blade.

Per dozen
No. 9495—5¾ in. blade; 4¾ in. high; wt. per dozen 3½ lbs....\$1.60
One dozen in a carton.



Double Blade

White enameled handle. Malleable iron shanks; highly polished blades.

Per dozen
No. 9492—5½ in. blades; 3¼ in. handle; 5¼ in. high; wt. per dozen 3 lbs.\$2.40
One dozen in a carton.

CLEAVERS

LEE'S BUTCHER



Forged Polished Crucible Steel Blade

No. 40—Octagon beechwood handle.

Length blade, in. 7 8
Wt. per doz., lbs. 30 36
Per dozen\$59.80 63.80
Length blade, in. 9 10
Wt. per doz., lbs. 42 54
Per dozen\$71.50 79.50
One-twelfth dozen in a paper.

UNIVERSAL FAMILY



Forged Polished Crucible Steel Blade

Cocobolo handle, brass compression rivets.

No. 3—7x2½ in. blade; wt. per dozen 14 lbs.\$10.50
One-twelfth dozen in a paper.

UNIVERSAL COOKS'

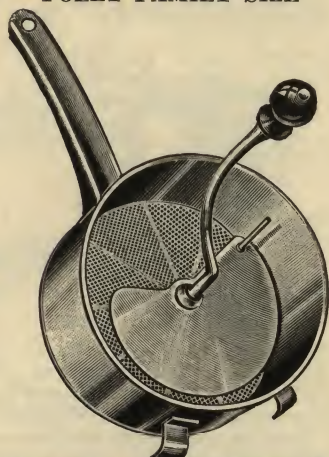


Forged Polished Crucible Steel Blade
Cocobolo handle, brass compression rivets.

Per dozen
No. 9203—8 in. blade; wt. per dozen 20 lbs.\$32.00
One-twelfth dozen in a paper.

FOOD MILLS

FOLEY FAMILY SIZE



Strains, Rices, and Mashes All Vegetables and Fruits

Clamps hold mill firmly on any slightly larger dish, bowl or kettle. A speedy efficient potato ricer, does not spatter. Also grates crackers, cheese and nuts.

Heavily tinned steel. Rust-proof, acid-proof. Strains, rices and mashes. Scraper rotates with handle, removes food from bottom. Can be taken apart for cleaning.

Per dozen

Family Size—Capacity $1\frac{1}{2}$ qts.; wt. per dozen 21 lbs.\$20.00
One dozen in a carton.

FOLEY JUNIOR SIZE



With Pan to Match

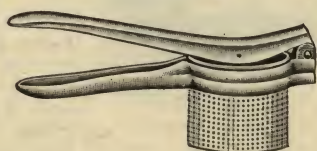
Heavily tinned steel. Rust-proof, acid-proof. Scraper rotates with handle and removes food from bottom. Can be taken apart for cleaning.

Per dozen

Junior Size—Capacity 1 qt.; wt. per dozen 18 lbs.\$16.00
One in a carton.

POTATO RICERS

BILTRITE



Double hinged, nickel plated, dull satin finished plunger. Extra bright heavy plate perforated cup. Green enameled, metal handles.

Per dozen

Biltrite— $3\frac{1}{2} \times 3\frac{1}{4}$ in. cup; wt. per dozen 16 lbs.\$4.00

One in a carton.

CHERRY STONERS

ROLLMAN



Cast Iron Frame with Steel Table Clamp, Heavily Tinned

The spirals on the feeding wheel insure the best results for removing the seed from the pulp with the least possible mutilation.

Per dozen

No. 3—Adjustable for different size cherries; wt. per doz. 39 lbs. ..\$23.00

One in a carton, one-half dozen in a case.



Will stone from 20 to 30 quarts of cherries per hour.

The seed extracting knife drives the stone into one dish and actually throws the cherry into another.

Will seed canned cherries.

Cast Iron Frame, Heavily Tinned

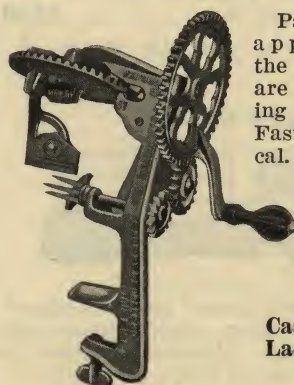
Per dozen

No. 8—For large, small or California cherries; $10\frac{1}{2}$ in. high; weight per dozen 28 lbs.\$20.50

One in a carton, one-half dozen in a case.

APPLE PARERS

TURN TABLE



Pares the whole apple including the ends. Gears are above the paring and juice. Fast and economical.

Has a automatic push-off.

Cast Iron Lacquered

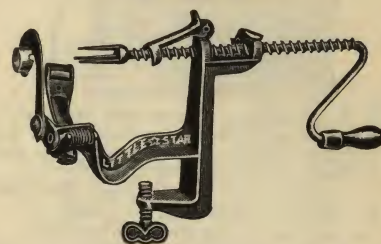
Per dozen

No. 98—8 in. long, 10 in. high over all; tempered steel knife; wt. per dozen 40 lbs.\$28.40

One in a box, one dozen in a carton.

APPLE PARERS

LITTLE STAR



Cast Iron, Black Japanned, Tinned Wire Spring, Black Enameled Handle

Constructed so that the parings and juice cannot fall upon it. Paring knife always faces the fruit when brought against it.

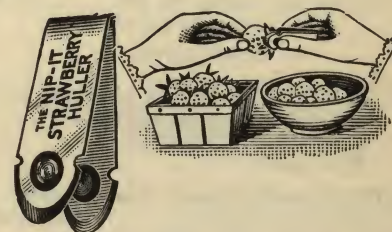
Per dozen

Little Star—8 in. high; upright slicer, automatic push-off; wt. per dozen 27 lbs.\$6.00

One dozen in a box.

STRAWBERRY HULLERS

NIP-IT



Keeps berries whole for table use, takes out soft spots, etc.

Spring Steel, Nickel Plated

Per dozen

Nip-It— $2\frac{3}{8}$ in. long, $\frac{7}{8}$ in. wide; wt. per dozen 5 ozs.\$0.60

One dozen in a display box.

COFFEE MILLS



With Graduated Receiving Glass

Black enameled metal parts.

Hopper holds one pound of coffee, will grind coffee to any degree of fineness.

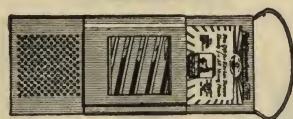
Per dozen

No. 9025—15 in. high over all; hopper $4\frac{1}{2} \times 6\frac{1}{2}$ in.; wt. per dozen 64 lbs.\$24.00

One in a carton, one-half dozen in a case.

VEGETABLE CUTTERS

RAPID



A Combination Slicer and Grater

Light and easy to use. Reinforced with No. 9 wire. Tempered knives easy to clean and will stay sharp for many years.

Per dozen
No. 8—With safety guard; five 3 in. blades; $4\frac{1}{4} \times 13$ in.; weight per dozen 12 lbs.\$5.70
One in a box, one dozen in a carton.

Per dozen
No. 6—Without safety guard; five 3 in. blades; $4\frac{1}{4} \times 13$ in.; weight per dozen 9 lbs.\$4.20
One dozen in a carton.

EVER READY



Slices all kinds of fruits and vegetables quickly and evenly. Razor edge tempered blades.

Per dozen
No. 19—Five 3 in. blades; 4×11 in.; weight per dozen $3\frac{1}{2}$ lbs.\$2.00
Two dozen in a carton.

YPSILANTI



Hard Maple, Smooth Sand Finish

Per dozen
No. 30— $3\frac{3}{8} \times 12$ in.; one adjustable polished steel knife; weight per dozen 6 lbs.\$4.00
Three dozen in a carton.

SLAW CUTTERS

YPSILANTI

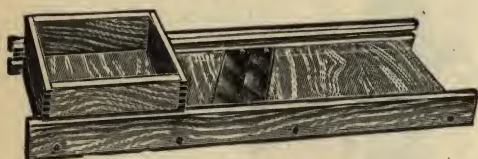


Hard Maple, Smooth Sand Finish

Improved adjustable steel cutting knives, sliding maple box.
Nos. 40C 45C
Number of knives 1 2
Size, in. $6 \times 16\frac{1}{2}$ 6×18
Weight dozen, lbs. 24 27
Per dozen\$7.00 8.40
One dozen in a carton.

KRAUT CUTTERS

YPSILANTI



Hard Maple, Smooth Sand Finish

Improved adjustable steel cutting knives; sliding maple box.
Nos. 9B 10B
Number of knives 2 3
Size, in. 9×25 9×26
Weight dozen, lbs. 90 94
Per dozen\$23.00 27.00
One-quarter dozen in a carton.

CAN OPENERS

KING



Nickel plated, frame is spot welded, tempered steel blade.

Combines can opener, bottle opener and cork screw all in one.

Per dozen
No. 31— $5\frac{1}{2}$ in. long over all; wt. per dozen $1\frac{1}{4}$ lbs.\$0.80
One dozen in a display carton.

VAUGHAN'S "SAFETY ROLL"



Polished and Double Plated, Nickel Finish

Steel cutting blade and gear wheel, properly tempered.

Cuts out the top of any size or shape can with marvelous ease. Leaves a smooth, safe edge, permitting contents to be removed whole and unbroken. Operates right and left handed. Impossible to cut the hand.

Per dozen
No. 170C—3 in. long; wt. per dozen $1\frac{1}{4}$ lbs.\$1.70

Two dozen in a box, one dozen on a counter display card.

STAR



Nickel plated; blade and knurled wheel especially hardened.

Cuts top off cans; will open cans of any size or shape.

Per dozen
No. 110— $7\frac{3}{4}$ in. long over all; wt. per dozen $4\frac{1}{8}$ lbs.\$4.00
One dozen in a display carton.

BLUE STREAK



Especially treated steel blade; hardened steel bushings. Opens round, square, oval or oblong cans. Handles finished in either blue, green or ivory.

Per dozen
No. 120— $7\frac{1}{2}$ in. long over all; wt. per dozen $4\frac{3}{8}$ lbs.\$8.00
One in a box, one dozen in a display carton.

CAN OPENERS

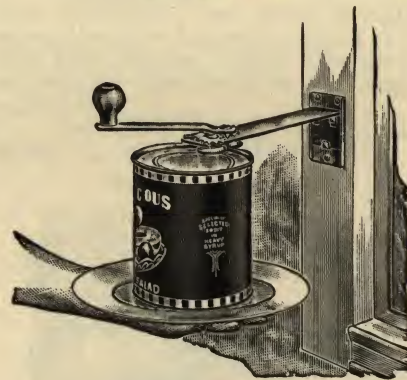
BLUE STREAK MASTER



With Table Clamp

Highest grade tool steel blade; hardened gears and knurled wheel. Steel frame and clamp with thumb screw. Insert the can, turn the handle and the top is off. Removes entire top and leaves the edges clean and smooth. Opens any size or shape of can. Furnished with green, wood knob.

Per dozen
No. 125—Table model; $6\frac{1}{4}$ in. long; weight per dozen $15\frac{1}{2}$ lbs.\$24.50
One in a box.



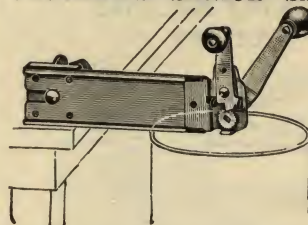
With Wall Clamp

Three screws apply the bracket in the most convenient place where it remains ready to receive the can opener.

Highest grade tool steel blade; hardened gears and knurled wheel. Steel frame and clamp with thumb screw. Insert the can, turn the handle and the top is off. Removes entire top and leaves the edges clean and smooth. Opens any size or shape of can. Furnished with green, wood knob.

Per dozen
No. 126—Wall model; $7\frac{1}{4}$ in. long; weight per dozen 12 lbs.\$24.50
One in a box.

VAUGHAN'S "SENIOR" SAFETY ROLL



Nickel Plated

Properly tempered steel cutting blade and gear wheel. Cuts tops out of

round, square or oval cans.

May be attached to wall or table by means of bracket, frame may be quickly removed for clearing. Green enameled handle.

Per dozen
No. G0172— $10\frac{3}{4}$ in. long; weight per dozen 12 lbs.\$13.20
One dozen in a carton.

FRUIT JAR WRENCHES



Steel, Nickel Plated
and Polished

Per dozen
No. 168—8 in. long, over all, opens
2½ in., weight per dozen 2 lbs. \$1.50
One dozen in a box.

UNIVERSAL



Instantly Adjustable
to Any Size

Unscrews or tightens caps of ½ in. diameter up to Mason jar size, will also remove crown caps and vacuum caps.

Per dozen
Universal—Cold rolled steel, nickel plated 6½ in. long; weight per dozen 3 lbs.\$2.60
One dozen in a carton.

TWO-WAY



No Adjustment
Needed

Will quickly loosen the tightest jar cap or will tighten the cap so effectively that it cannot be opened with the bare hands.

Nickel plated steel, green lacquered wood handle.

Per dozen
No. 385—3 in. long, 2½ in. high; weight per dozen 4 lbs.\$4.00
One dozen in a display carton.

JAR HOLDER AND WRENCH COMBINATIONS CUPPLES



Consists of a metal jar holder and rubber wrench. Wrench closes and opens all sorts of bottles, cans and jars; jar holder may also be used as a cap wrench.

Per dozen combinations
No. JHW—Wt. per dozen combinations 7 lbs.\$4.00
One dozen combinations in a case.

Per dozen
Wrench Only—Rubber; weight per dozen 1¾ lbs.\$1.30
One dozen in a display carton.

FRUIT JAR RUBBERS CUPPLES "PRESTO"



Moulded from specially selected and treated rubber, with double lip to aid in opening jar.

Made in white rubber with red spot or red rubber with white spot.

Per gross
Presto—Fits all standard size mason jars; weight per gross 2½ lbs.\$0.84
One dozen in a carton, one gross in a cardboard container.

FRUIT JAR CAPS PRESTO



Zinc

Porcelain lined, turned edges.

Per gross
Presto—For standard size Mason jars; weight per gross 14 lbs. \$5.50
One dozen in a carton, one gross in a case.

FRUIT JAR FILLERS



Pieced IC Tin
Plain, Seamless
Body

Per dozen
No. 1—4½x2 in.; weight per dozen 1½ lbs.\$0.90
Open stock.

CANNING RACKS HANDY



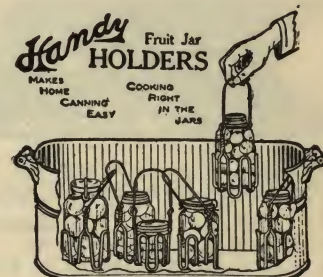
Heavy Tinned Wire

Rack can be raised out of boiling water and securely hooked to top edge of boiler when taking out jars.

Folds flat for packing or storing away.

Per dozen
No. 8—Adjustable to hold 10 pint, 8 quart or 6 half-gallon fruit jars; wt. per dozen 18 lbs.\$6.00
One dozen in a carton.

FRUIT JAR HOLDERS HANDY



Holders in Boiler

Heavy Tinned Wire

These holders when used in connection with any covered boiler, kettle or pail make a complete cold pack canning outfit. Each fruit jar is put in a separate holder.

Per dozen
No. 15—One size, adjustable to fit half-pint, pint, quart and half-gallon glass fruit jars of any make; wt. per dozen 3½ lbs. \$1.50
One dozen in a carton.

COLD PACK ASSORTMENT

HANDY-MAID



Steel Wire, Plated, with Green
Hardwood Handles

Sure grip lifter, handles cans or jars equally well from top or side. Sure grip wrench and holder seal and open hot or cold jars with ease.

Per assortment
No. 33—Cold Pack Assortment—Assortment consists of eight each No. 10 Lifter, No. 11 holder, and No. 12 wrench, 24 pieces in all; weight per assortment 10 lbs.\$3.00
One assortment in a counter display box.

SEALING WAX

PONTIUS RED



A strictly high grade bright red wax unexcelled for bottles as well as cans.

Per gross
Pontius—One cake in a carton; wt.
per cake approximately $\frac{1}{2}$ lb. \$13.00
One-half gross in a case.

MILK BOTTLES



High Grade
Flint Glass

Have unexcelled strength
and are of accurate capac-
ity.

Size	$\frac{1}{2}$ pt.	1 pt.	1 qt.
Gross in crate	1	$\frac{1}{2}$	$\frac{1}{2}$
Wt. gross, lbs.	110	170	270
Per gross	\$8.50	10.50	14.20

Note—We do not break crates.

MILK BOTTLE CAPS



Fit Standard Size Bottle

Selected paper stock, .035 inches thick,
cut clean.

Per 1000
No. 2—500 in a tube; wt. per 1000
about 3 lbs.\$0.90

Note—Can be furnished with dealers
name. Write for prices.

BOTTLE CAPS

BULL DOG



Heavy tin, lac-
quered, composi-
tion cork disc.

Will fit any
standard size
crowning bottle.

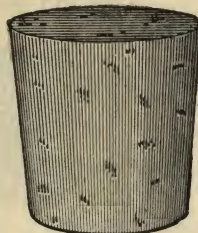
Per gross
Bull Dog—Wt.
per gross
about $1\frac{1}{4}$
lbs.\$0.30

One gross in a
carton, 50 gross
in a case.

CORKS



Bottle



Jug.

Tapered

XX quality; regular lengths.

For Bottles

Nos.	6	7	8
Diam. top, in.	$\frac{3}{4}$	$1\frac{1}{8}$	$\frac{7}{8}$
For bottles	1 pt.	1 pt.	1 qt.
Per 100	\$1.16	1.38	1.74

Nos.	9	10
Diam. top, in.	$1\frac{1}{8}$	1
For bottles	1 qt.	1 qt.
Per 100	\$2.30	2.76

For Jugs and Kegs

Nos.	12	14	16
Diam. top, in.	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$
Length, in.	$3\frac{1}{4}$	$1\frac{1}{4}$	$1\frac{3}{4}$
Per 100	\$1.86	2.36	3.30

Nos.	18	20
Diam. top, in.	$1\frac{1}{2}$	$1\frac{5}{8}$
Length, in.	$1\frac{3}{4}$	$1\frac{3}{4}$
Per 100	\$3.86	4.70

Average weight per gross 2 pounds.

One gross in a bag.

In Assortments

Per assortment
No. 1120—Short; assorted Nos. 11
to 20; 100 in assortment\$1.40
No. 1218—Short; assorted Nos. 12
to 18; 100 in assortment 1.50

BOTTLE CAPPERS

CLIMAX



Built throughout of high carbon steel.
Has large comfortable handle with spring
handle lift. Throat has rubber washer
which releases bottle instantly when cap-
ping is completed. Quickly adjustable to
cap any bottle up to full quart.

Per dozen
No. 250—15 $\frac{1}{4}$ in. high, 6 $\frac{1}{4}$ x4 $\frac{1}{4}$ in.
base, 8 in. handle; wt. per doz-
en 36 lbs.\$9.60
One dozen in a case.

WOOD FAUCETS

REDLICH



Selected Hard Maple, Saturated with
Rubber, Cork Lined

Per dozen
No. 4—Length 9 $\frac{3}{4}$ in.; bore $\frac{7}{8}$ in.;
wt. per dozen 5 $\frac{1}{4}$ lbs.\$4.50
One dozen in a carton.

THREM



Selected Genuine Red Cedar

Per dozen
No. 8—8 in. long; wt. per dozen 3
lbs.\$2.60
Open stock.

COMPRESSION BIBBS

PLAIN



Finished Brass

Tee handle; with shoulder; threaded
for iron pipe.

Nos.	992	993	994
Size, in.	$\frac{1}{2}$	$\frac{5}{8}$ x $\frac{3}{4}$	$\frac{3}{4}$
Wt. dozen, lbs..	10 $\frac{1}{2}$	13 $\frac{1}{2}$	16 $\frac{3}{4}$
Per dozen	\$10.00	12.60	16.00

One-half dozen in a carton.

HOSE



Finished Brass

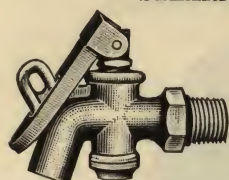
Tee handle; with shoulder; threaded
for iron pipe.

Nos.	892	893	894
Size, in.	$\frac{1}{2}$	$\frac{5}{8}$ x $\frac{3}{4}$	$\frac{3}{4}$
Wt. dozen, lbs..	12	13 $\frac{1}{2}$	18 $\frac{3}{4}$
Per dozen	\$12.00	14.40	18.00

One-half dozen in a carton.

LOCK LEVER FAUCETS

STEARNS, OIL

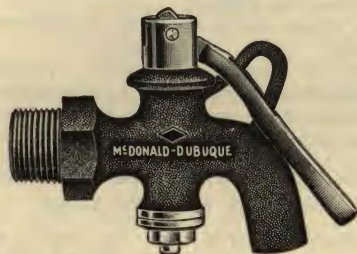


Will hold all non-corrosive liquids such as petroleum products, other oils, turpentine, alcohol, lacquers, etc. Plug individually ground to barrel and tight joint is maintained by a spring washer.

Close grained grey iron. Bright heavy cadmium plated finish.

Per dozen
No. 50— $\frac{3}{4}$ in. flow, $\frac{3}{4}$ in. U. S. S. pipe thread; wt. doz. 18 lbs. ..\$9.60
One-half dozen in a box.

McDONALD, OIL



Good grade of brass, rough finish. Carefully machined and ground. Lock lever plain oil bibb for iron pipe.

They are made for use with gasoline or other liquid petroleum products; fitted to withstand the action of such oils without leakage.

No. 580—For Iron Pipe

Size, in.	$\frac{1}{2}$	$\frac{5}{8} \times \frac{3}{4}$	$\frac{3}{4}$
Wt. dozen, lbs.	10 $\frac{1}{2}$	14 $\frac{5}{8}$	16 $\frac{3}{4}$
Per dozen	\$12.00	13.50	15.20

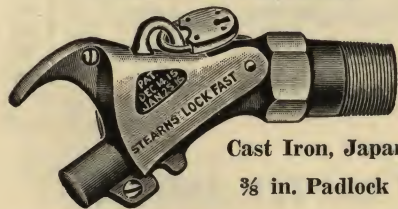
Size, in.	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$
Wt. dozen, lbs.	24	39	51 $\frac{1}{2}$
Per dozen	\$24.00	48.00	60.00

One-half dozen in a package.

OIL AND MOLASSES

GATES

STEARNS LOCK FAST



Cast Iron, Japanned,

$\frac{3}{8}$ in. Padlock Eye

Constructed with a locking device on which any padlock up to $\frac{3}{8}$ inch can be used. Lock not included.

Positively protects oil, molasses, gasoline and other barrels, tanks and liquid containers from leakage and pilfering.

Style "A"—Wood Thread

Size, in.	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2
Wt. doz., lbs.	23	33	46	62
Per dozen	\$18.00	19.20	24.00	31.00

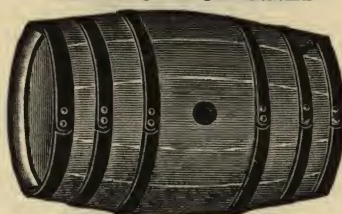
Style "E"—U. S. S. Iron Pipe Thread

Size, in.	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2
Wt. doz., lbs.	23	28	36	50
Per dozen	\$18.00	19.20	24.00	31.00

1 and 1 $\frac{1}{4}$ in., one-half dozen; 1 $\frac{1}{2}$ and 2 in., one-quarter dozen in a box.

BEVERAGE KEGS

WHITE OAK CHARRED



These kegs are high grade packages into whose manufacture only the best stock enters.

Their production is attended by right manufacture and thorough inspection.

Selected kiln dried white oak.

Capacity, gals.	5	10	15
Wt. each, lbs.	16	25	30
Each	\$4.50	5.00	5.50

Capacity, gals.	20	30	50
Wt. each, lbs.	35	46	70
Each	\$7.00	9.60	15.00

Open stock.

RED OAK PARAFFINED

Made from selected red oak paraffined inside; for vinegar, kraut, pickles, etc.

Capacity, gals.	5	10	15
Wt. each, lbs.	16	25	30
Each	\$3.00	3.60	4.20

Capacity, gals.	20	30	50
Wt. each, lbs.	35	46	70
Each	\$5.20	6.00	7.50

Open stock.

HARVEST KEGS



Hardwood staves and heads with handle; $\frac{3}{4}$ in. hole with metal mouthpiece.

Per dozen
No. N2—Capacity 2 gals.; wt. per dozen 60 lbs.\$13.50

Open stock.

WELL BUCKETS

NOVELTY



Selected Oak, Var-nished, Heavy Twist Bail, Top Ears

The top ears make it dip very easily.

Per dozen
Novelty—Cap. 2 $\frac{1}{2}$ gals.; wt. per doz. 80 lbs. ..\$16.00

Open stock.

ROLLING PINS



Revolving Handles

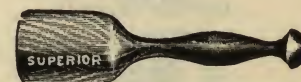
Made from seasoned hard maple, polished finish.

Nos.	54	56
Handles	Plain	Enameled
Size roller, in.	10 $\frac{1}{2}$ x 2 $\frac{1}{2}$	10 $\frac{1}{2}$ x 2 $\frac{1}{2}$
Wt. doz., lbs.	19	19
Per dozen	\$4.80	5.00

One dozen in a box.

POTATO MASHERS

WOOD



Solid Maple, Plain Handle

Per dozen
No. 1—Wt. per dozen 9 lbs.\$1.90
Two dozen in a box.

WOOD SPOONS



Selected Hardwood, Turned

Per dozen
No. 14—14 in. long; wt. per dozen 2 lbs.\$1.40
Open stock.

TOWEL ROLLERS

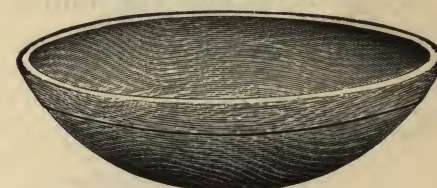
ARCADE



Waxed Hardwood Roller, Nickel Plated Steel Bracket

Per dozen
No. 9170—18x1 $\frac{1}{8}$ in. roller; weight per dozen 8 $\frac{1}{2}$ lbs.\$2.40
One dozen in a carton.

CHOPPING BOWLS



Michigan Sugar Maple

Paraffine wax finish, polished; extra deep; heavy rim.

Diameter, in.	13	15
Depth, in.	2 $\frac{7}{8}$	3 $\frac{3}{8}$
Wt. doz., lbs.	26	40
Per dozen	\$1.20	1.50

Diameter, in.	17	19
Depth, in.	5	6
Wt. doz., lbs.	60	90
Per dozen	\$2.30	2.70

13 in. one dozen; 15 to 19 in., one-half dozen in a carton.

BUTTER LADLES

ACME



Selected White Maple, Paraffin
Wax Finish

Per dozen

No. 30—4 in. wide 9 in. long; wt. per
dozen 2 lbs.\$1.80

Open stock.

CHURNS
DAZEY GLASS

New Designed Heavy Clear Glass Jar
with Improved Removable
Strainer Device

New designed bridge casting; nickel
plated steel screw cap top. Double alu-
minum coated castings; gears carefully fit-
ted to run smooth and noiseless. White
maple dasher. Tinned steel dasher rod.
Natural finished wood handle.

Nos.	20	40	60	80
Cap., qts. ..	2	4	6	8
Churning cap.,				
qts.	1	2	3	4
Wt. doz., lbs.	60	80	95	120
Per dozen ..	\$26.40	40.80	51.00	60.70

One-third dozen in a carton.

EXTRA GLASS JARS FOR ABOVE



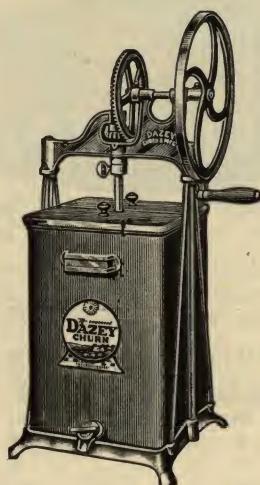
Heavy clear glass jar with smoothly
finished neck and sloping rounded upper
corners. Cannot collect cream that would
remain unchurned, is easier to clean, more
attractive and more durable.

Nos.	20J	40J	60J	80J
For churns, Nos.	20	40	60	80
Wt. doz., lbs.	40	50	65	85
Per dozen	\$10.00	15.50	20.00	24.20

One-third dozen in a carton.

CHURNS

DAZEY HAND



Heavy Copper Bearing Charcoal
Tin Tank

Triple plated, enameled blue outside;
two-piece white maple covers, natural fin-
ish four paddle turbine dasher; heavy
tinned steel dasher rod, solid steel side
rods; gray iron base, bridge, gears and
fly wheel.

New improved frame is made of iron
and steel, exceptionally strong and rigid.
Natural finish maple handle, metal parts
except tank, two coats bright aluminum.

Metal container is removable and light
—no more trouble to wash than a dish
or pail.

Sanitary metal faucet on tank makes
draining easy No. 200 has cork lined,
screw cap drain.

Nos.	200	300
Capacity, gals.	2	3
Churning cap., gals.	1	1½
Height, in.	21	25
Base, in.	8x8	10x10
Wt. each, lbs.	15	22
Each	\$6.00	7.50

Nos.	400	600
Capacity, gals.	4	6
Churning cap., gals.	2	3
Height, in.	27	31
Base, in.	11x11	12x12
Wt. each, lbs.	25	35
Each	\$9.00	11.00

One in a crate.

DOUGH BLENDERS

ANDROCK

For Mixing Shortenings

Seven spring wire bows
assembled to horizontal
handle.

Green enameled wood
handle.



	Per dozen
No. G-928—4¼x5½ in.; wt. per doz- en 3¼ lbs.	\$1.80
One dozen in a box.	

CHURNS

FAVORITE, BARREL



Makes the best grade of butter with a
minimum of labor.

No churn works so easily or cleaned so
quickly.

Has no dashers or paddles. Churning
is done by revolving the churn which agi-
tates the cream and makes the butter sep-
arate from the milk.

Best Quality White Oak, Thoroughly
Seasoned and Kiln Dried

Galvanized iron rim in head; steel
bail; malleable iron ears; rigid hardwood
stand.

Nos.	0	1
Capacity, gals.	6	10
Churning, cap., gals.	1 to 3	1 to 5
Wt. each, lbs.	27	33
Each	\$11.00	12.50

Nos.	2	3
Capacity, gals.	15	20
Churning cap., gals.	1 to 7	2 to 10
Wt. each, lbs.	38	46
Each	\$14.00	16.50

One in a crate.

PARTS FOR FAVORITE CHURNS

Nos.	Extra cover, each	Extra cork packing, set	Extra crank, each
0	\$4.00	1.00	1.00
1	4.20	1.00	1.00
2	4.40	1.00	1.20
3	4.80	1.00	1.20

Open stock.

BATTER AND EGG
BEATERS

ANDROCK



Nickel Plated

Fine wire bows welded to heavier out-
side frame. Plain green wood handle with
cap ferrule.

	Per dozen
No. G826—10¾ in. long; wt. per dozen 2½ lbs.	\$1.70
One dozen in a box.	

EGG WHIPS
ANDROCK



Retinned wire frame and filling, heavy pattern.

Per dozen
No. 347—Length 10½ in.; wt. per
dozen 1 lb.\$1.10
Three dozen in a box.

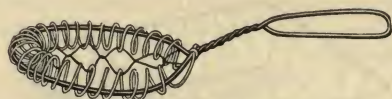
EASY CLEAN



Spoon shaped; all straight wires, therefore easy to clean. Seven lengthwise and two cross ribs welded to heavy wire handle and frame. Tinned after making.

Per dozen
No. 348—Length 10 in.; wt. per
dozen 1¼ lbs.\$1.60
One dozen in a box.

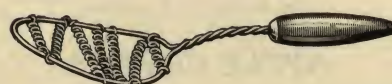
ELECTRIC



Fine wire lacing woven into a coiled wire spring. Retinned frame and filling.

Per dozen
No. 393—10½ in. long; wt. per doz.
1½ lbs.\$1.70
One dozen in a box.

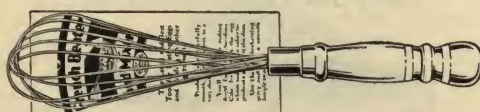
ANDROCK



Retinned, green colored handle, with cap ferrule.

Per dozen
No. G843—10¾ in. long; wt. per
dozen 2¼ lbs.\$1.60
One dozen in a carton.

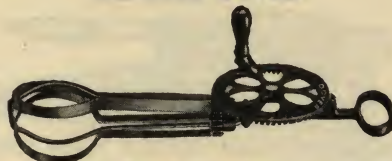
FRENCH STYLE



Fine spring wire bows effectively mix batters. Green handle with three ivory bands.

Per dozen
No. G1625—9 in. long; wt. per doz.
1¼ lbs.\$2.20
One dozen in a box.

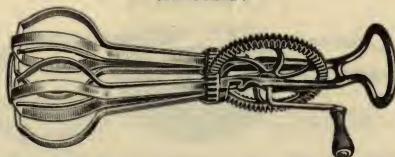
EGG BEATERS
GENUINE DOVER



The third pinion eliminates all possibility of slipping out of gear.

Lacquered iron castings, tinned blades.
Per dozen
No. 100—Family size, 10 in. long;
wt. per doz., 5 lbs.\$3.20
One dozen in a carton.

TAPLIN

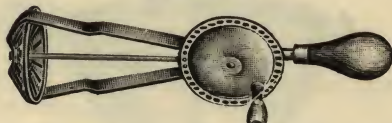


Double Dasher, for Hotels

Perfectly balanced, smooth running. Center drive prevents slipping of teeth. Iron parts lacquered, dashes tinned.

Per dozen
No. 550—12½ in. long; wt. per doz.
14½ lbs.\$4.00
One-half dozen in a box.

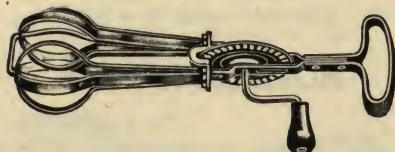
TURBINE



Can be used in shallow dish or cup without spattering; good for mixing oil and vinegar for French dressing.

All metal parts nickel plated, green lacquered handle.
Per dozen
No. G132—11 in. long; wt. per doz.
3½ lbs.\$5.20
One dozen in a carton.

DAINTY WHIRL



Nickeled Metal Parts; Tinned Floats

Steel handle, crank handle lacquered in green.

Per dozen
No. 12—Small size; 11 in. long; wt.
per dozen 6 lbs.\$4.00
One dozen in a carton.



Nickeled Metal Parts; Tinned Floats

Spade handle lacquered in green.

Per dozen
No. 14—Family size—12¼ in. long;
wt. per dozen 9 lbs.\$7.50
One-half dozen in a carton.

EGG BEATERS
BLUE WHIRL, BALL BEARING



Stainless Steel Wings and Wires

Has gear shield and enclosed ball bearings. A flattened center wire enables beater to work close to the bottom.

Handle and knob made of moulded plastic in green or ivory—will not crack or chip.

Nos.	55	60
Size	Medium	Large
Length, in.	12	12¾
Wt. doz., lbs. ...	12	15
Per dozen	\$16.00	24.00

BEATER AND PITCHER
SETS

NON-SPATTER



Glass Bowl, Nickel Plated Beater

Beater has four blades of tinned steel.

Green lacquered handle. Cover rests on ledge in side of pitcher.

Graduated green glass pitcher has lip, handle and base.

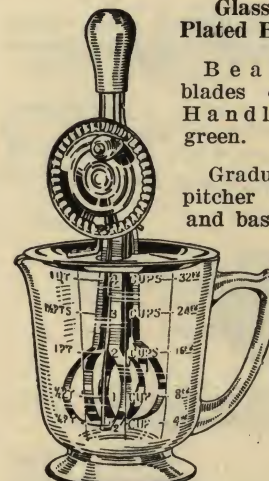
Per dozen
No. 99—Capacity pitcher 1 pt.; beater 11½ in. long; wt. per dozen
24 lbs.\$6.70

Two dozen beaters and two dozen pitchers in a carton, packed separately.

Glass Bowl, Nickel Plated Beater and Cover

Beater has eight blades of tinned steel. Handle lacquered in green.

Graduated green glass pitcher has lip, handle and base.



Per dozen
No. 3B—Capacity of pitcher 1 qt.; beater 11½ in. long; wt. per
dozen 35 lbs.\$15.00

Two dozen beaters and two dozen pitchers in a carton, packed separately.

STRAINERS TEA AND COFFEE



Medium mesh; plain green wood handle with cap ferrule.

Nos.	G8801	G8802
Diameter bowl, in.	2½	3½
Depth, in.	1½	2
Wt. doz., lbs.	1¼	1½
Per dozen	\$1.30	1.40

One dozen in a box.



Plain bowl, flat bottom, plain green wood handle with ferrule.

No. G8698—Diameter 2½ in.; depth 1¼ in.; wt. per dozen 1¼ lbs.	Per dozen \$1.60
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One dozen in a box.

BOWL



Plain bowl, round bottom, plain green wood handle with cap ferrule.

No. G8716—Diameter 5 in.; depth 3½ in.; wt. per dozen 2¾ lbs.	Per dozen \$1.90
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One dozen in a box.



Reinforced bowl, medium mesh, round bottom; plain green wood handle with cap ferrule.

No. G8726—Diameter 5 in.; depth 3½ in.; wt. per dozen 3¼ lbs.	Per dozen \$2.20
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One dozen in a box.



Reinforced bowl, round bottom; plain green wood handle with cap ferrule.

Nos.	G8922	G8901
Mesh	Coarse	Medium
Diameter, in.	6	6
Depth, in.	3½	3½
Weight dozen, lbs.	5½	5
Per dozen	\$4.00	4.00

One dozen in a box.

STRAINERS PRESERVING



Reinforced bowl, medium mesh, round bottom; plain green wood handle with cap ferrule.

No. G8818—Diameter 8 in.; depth 4½ in.; weight per dozen 7½ lbs.	Per dozen \$4.80
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One-half dozen in a box.

EXTENSION

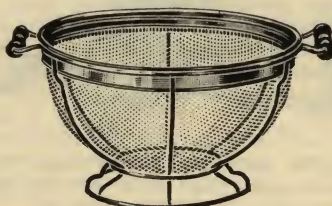


Reinforced bowl, medium mesh, round bottom.

Nos.	819	821
Diameter bowl, in.	6	8
Depth bowl, in.	3½	4½
Wt. dozen, lbs.	5¾	7¾
Per dozen	\$4.00	5.60

One dozen in a box.

COLANDER

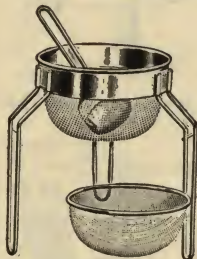


Detachable bowl, welded reinforced construction. Cloth and bowl rim securely clinched in at all points. Retinned finish of pure tin.

No. G3—Depth of bowl 4 in., dia. of bowl 8 in., height over all 5½ in.; wt. per dozen 9 lbs.	Per dozen \$6.40
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One-half dozen in a box.

ROLL-O-PRESSES



Round bottom strainers, retinned wire stand, roll-thru masher.

Strains, drains, washes or rices foods. Saves time, flavor; eliminates peeling, drudgery and waste.

No. 336—Two strainers, one 6¾ in. coarse mesh, one 6¾ in. medium mesh, stand and roller; wt. per dozen 21 lbs.	Per dozen \$16.00
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One in a box, six in a carton.

ROLL-THRU MASHERS

No. 332X—Same as used on No. 336 Roll-O-Press; weight per dozen 3 lbs.	Per dozen \$1.20
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One dozen in a box.

SINK STRAINERS AND ROCK



Sheet Steel, Green Enameled, Wire Hanger

No. G-16—8x9 in.; perforated bottom and front side; wt. per dozen 6½ lbs.	Per dozen \$2.00
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One dozen in a box.

SOAP SAVERS



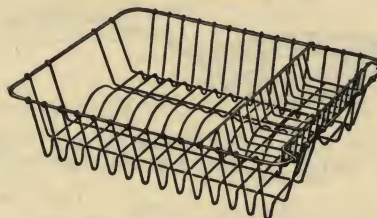
Retinned, Welded Construction

Provides a means for using small pieces of soap that would otherwise be wasted.

No. 835—3x2½x1¾ in.; 9¾ in. long over all; wt. per dozen 2¼ lbs.	Per dozen \$1.90
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One dozen in a box.

DISH DRAINERS



Heavy construction, coated with pure tin, center plate rack and silverware basket.

No. 290—12x16 in.; weight per dozen 18 lbs.	Per dozen \$5.50
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One dozen in a carton.

APPLE CORERS



Nickel plated, plain green wood handle with cap ferrule.

No. G837—7 in. long, weight per dozen ½ lb.	Per dozen \$1.60
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One dozen in a box.

FLOUR AND SUGAR SCOOPS

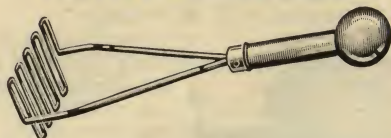


Nickel plated finish; plain green wood handle with cap ferrule.

No. G895—Capacity ¼ cup; length 8½ in.; weight per dozen 1¾ lbs.	Per dozen \$2.00
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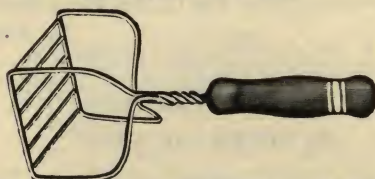
One dozen in a box.

POTATO MASHERS



Zig-zag pattern; nickel plated finish, plain green handle with cap ferrule and knob.

Per dozen
No. G8305—Length 11 in.; base 3x 3 3/4 in.; wt. per dozen 5 1/4 lbs. ...\$1.60
One dozen in a box.



Retinned, green enameled wood handle with three ivory bands.

Per dozen
No. G17—Length 10 1/2 in., base 3x3 3/8 in.; wt. per dozen 3 1/2 lbs. \$2.40
One dozen in a box.

HOTEL



Round base, retinned; natural finish hardwood handle, handle riveted to shank of masher.

Per dozen
No. 344—Length 22 in., diameter of base 5 3/4 in.; wt. per doz. 19 lbs.\$12.00
One-half dozen in a package.

VEGETABLE RICERS



One-piece nickel plated slotted steel blade. Green handle with three ivory bands.

Per dozen
No. G862—Length 8 3/4 in.; wt. per dozen 3 3/4 lbs.\$3.50
One dozen in a box.

KITCHEN FORKS



Two tines; nickel plated finish, plain green wood handle with cap ferrule.

Per dozen
No. G8209—Length 9 in.; wt. per dozen 1 3/8 lbs.\$1.70
One dozen in a box.



Three tines; nickel plated finish; plain green wood handle with cap ferrule.

Per dozen
No. G8414—Length 14 in.; wt. per dozen 2 1/8 lbs.\$2.00
One dozen in a box.

FORKS

"PIXIT"



For removing olives, pickles, cherries, etc. from deep narrow mouthed jars.

Nickel plated; jade green catalin handle.

Per dozen
No. J256X—7 5/8 in. long; wt. per dozen 3/4 lb.\$1.60
One dozen in a box.

SPOONS

"GETS-IT"

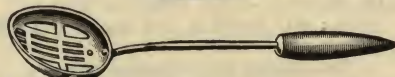


A long handled spoon for stirring beverages, etc.

Nickel plated; jade green catalin handle.

Per dozen
No. J257—9 3/4 in. long; wt. per doz. 3/4 lb.\$1.60
Wrapped in cellophane, one dozen in a box.

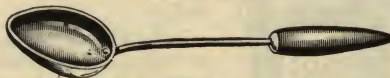
MIXING



Nickel plated, slotted bowl; plain green wood handle with cap ferrule.

Per dozen
No. G8172—Length 11 1/2 in.; wt. per doz. 2 1/2 lbs.\$1.70
One dozen in a box.

BASTING



Nickel plated solid bowl; plain green wood handle, with cap ferrule.

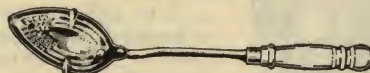
Per dozen
No. G8173—Length 11 1/2 in.; wt. per dozen 2 1/2 lbs.\$1.70
One dozen in a box.



Forged steel; tinned; very heavy and stiff with eyelet in handle.

Nos.	312	314	316
Length, in.	12	14	16
Dozen in case ...	2	2	2
Wt. doz., lbs.	3 1/8	4 7/8	5 1/2
Per dozen	\$2.60	3.00	3.70

MEASURING



Nickel plated, heavy pattern, measures accurately; green enameled wood handle with three ivory bands.

Per dozen
No. G170—Capacity 1 tablespoon; 10 3/4 in. long; wt. per doz. 2 1/2 lbs.\$1.60
One dozen in a box.

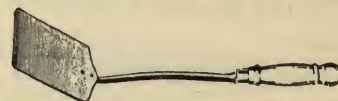
LADLES



Nickel plated, green enameled wood handle with three ivory bands.

Per dozen
No. G174—Length 11 in.; weight per dozen 2 1/2 lbs.\$1.90
One dozen in a box.

CAKE TURNERS



Nickel plated, green enameled wood handle with three ivory bands.

Per dozen
No. G2325—Blade 2 3/4 x 4 1/4 in., 11 in. long over all; wt. per doz. 1 1/2 lbs.\$1.40
One dozen in a box.



Perforated; nickel plated, plain green wood handle with cap ferrule.

Per dozen
No. G821—Blade 3 x 4 1/2 in., 13 1/2 in. long over all; wt. per doz. 2 1/2 lbs.\$1.80
One dozen in a box.

SPATULAS



Perforated; nickel plated, plain green wood handle with cap ferrule.

Per dozen
No. G8194—Blade 2 1/2 x 6 1/8 in., 11 1/2 in. long over all; wt. per doz. 2 1/2 lbs.\$1.80
One dozen in a box.

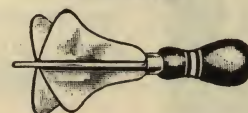


Nickel plated, plain green wood handle with cap ferrule.

Per dozen
No. G841—Blade 1 1/4 x 7 in., 11 3/4 in. long over all; wt. per doz. 1 3/8 lbs.\$1.60
One dozen in a box.

MINCING KNIVES

ANDROCK



Three interlocked, star-shaped blades, nickel plated; green enameled wood handle with three ivory bands.

Per dozen
No. G98—Length over all 8 3/4 in.; wt. per dozen 4 1/2 lbs.\$3.50
One dozen in a box.

PLATE SCRAPERS

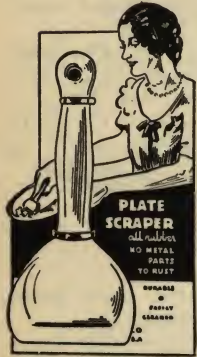
ANDROCK



Moulded rubber treated to withstand hard use—not affected by grease. Plain greenwood handle with cap ferrule.

Per dozen
No. G861—6 $\frac{1}{8}$ in. long; wt. per doz.
1 $\frac{1}{2}$ lbs.\$1.60
One dozen in a box.

ALL RUBBER



Durable and easy to clean, no metal parts to rust.

Blade white flexible rubber, handle green stiff rubber.

Per dozen
No. AR—5 $\frac{5}{8}$ in. long; wt. per doz. 1 $\frac{3}{4}$ lbs. \$1.60

One on a card, three dozen in a carton.

POT CLEANERS

CHORE GIRL



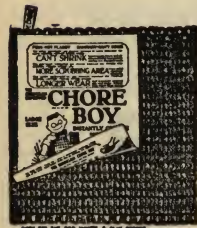
Instantly cleans all kitchen utensils. Consists of a continuous ribbon of genuine copper woven into a sponge-like ball. Will not splinter or flake from use.

Per dozen
Chore Girl Senior—4 in. diam. x 2 in. thick; wt. per doz. 2 $\frac{1}{2}$ lbs. \$1.60

Chore Girl Junior—Similar to the Chore Girl Senior but smaller in size; weight per dozen about 1 $\frac{1}{2}$ lbs.84

Two dozen in a display box.

CHORE BOY



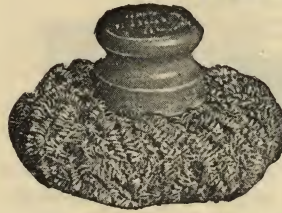
Made of copper wire, cotton and jute woven together. Has a strap for hanging up.

Per dozen
Chore Boy—7x6 $\frac{1}{2}$ in.; wt. per doz. 2 lbs.\$1.60

Two dozen in a display box.

POT CLEANERS

MYSTIC MIRACLE



Brilliant wide copper cleaning element fastened to a green knob.

Per dozen
Mystic Miracle—4 in. diam. x 3 in. thick; wt. per dozen 2 $\frac{1}{2}$ lbs....\$1.60
Two dozen in a display box.

MYSTIC MARVEL



Consists of thousands of copper coils, ball shaped, bound together by means of a center binding which cannot come to the surface when in use.

Will not splinter or flake when in use.
Per dozen
Mystic Marvel—4 in. diam. x 3 in. thick; wt. per doz. 2 $\frac{1}{2}$ lbs.\$1.60

Two dozen in a display box.

FLOUR SIFTERS

TRIPLE



Sifts three times in one operation, makes flour light and fluffy.

Has three screens; no gears, easily taken apart for cleaning.

Trimmed with black bands and handle.

Bright Tinplate

Per dozen
No. 68—Capacity 4 cups; 4 $\frac{3}{4}$ x6 in.; wt. per doz. 14 lbs.\$14.50

One-half dozen in a carton.

SAVORY



Operates with one hand; improved neat design.

Ebony finished handle. Improved bottom construction, strainer cloth crimped tightly in place.

IXX Charcoal Tinplate, Bright Finish

Per dozen
No. 25—5x6 $\frac{1}{4}$ in.; wt. per doz. 9 lbs. \$8.00

One dozen in a carton.

FLOUR SIFTERS

"GENUINE HUNTER'S"



Distinguished from all others by its thorough sifting, easy working and long wear.

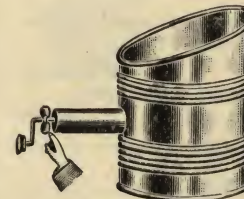
Sieve and all parts quickly removed for cleaning. No soldered joints to break.

Long handle makes it easy to hold steady while turning crank.

One-Piece Extra Heavy Tin Plate Body

Per dozen
No. 1—6 $\frac{3}{4}$ x4 $\frac{3}{4}$ in.; wt. per doz. 9 lbs.\$4.20
One dozen in a carton.

HUNTER'S "NO NAME"

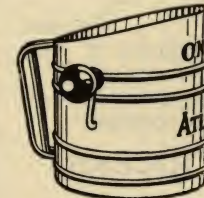


Same construction as No. 1 Genuine Hunter's but of lighter materials.

Bright Tin Body

Per dozen
No. 6—Wt. per doz. 8 $\frac{1}{2}$ lbs.\$3.80
One dozen in a box.

ATLAS

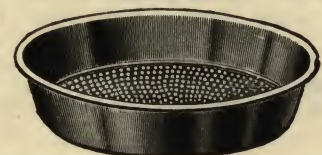


Crank on side of sifter. A small sifter to hold one cup of flour.

Per dozen
Atlas—Capacity 1 cup; 3 $\frac{1}{2}$ in. high; wt. per dozen 3 $\frac{1}{2}$ lbs.\$2.00
One dozen in a box.

FLOUR SIEVES

CHAMPION



Seamless, perforated bottom.

Per dozen
No. 2—12 $\frac{1}{4}$ x2 $\frac{3}{8}$ in.; wt. per dozen 6 $\frac{1}{4}$ lbs.\$2.30
Three dozen in a carton.

METALLIC



Seamless body, No. 18 mesh iron wire cloth with crossed wires for reinforcement.

Per dozen
No. 1318—12 $\frac{1}{2}$ x2 $\frac{1}{4}$ in.; wt. per doz. 6 $\frac{1}{2}$ lbs.\$4.00
One dozen in a carton.

CORN POPPERS

U. S.



Basket drawn from one piece open hearth steel—no folds, gaps or rivets. Full sliding wire cloth lid bound in tin plate channel. Green enameled hardwood grip.

Per dozen
No. 4W—4 qt. cap., 30 in. long; wt.
per doz. 18 lbs.\$6.70
One dozen in a carton.

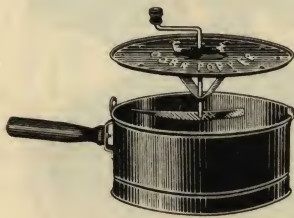


All metal; basket made of special blue steel. All seams are so arranged that no butter, lard, oil, etc., can leak out of basket. Upper portion of lid perforated so unpopped corn may be sifted out. Green enameled wood grip.

Nos.	2F	4F
Capacity, qts.	2	4
Length, in.	26¾	28
Wt. per doz., lbs.	13¾	17½
Per dozen	\$4.00	5.60

One dozen in a carton.

E-Z

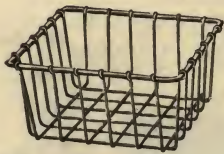


ler type stirring mechanism. Green wood handle and knob.

Per dozen
No. C—3 qt. cap., diam. 8¾ in.; wt.
per dozen 25 lbs.\$14.40
One dozen in a carton.

REFRIGERATOR BASKETS

WASHBURN



Body electro welded and clinched to heavy top frame. For storing eggs or fruit in the refrigerator.

Nos.	805	806
Inches	7x7x3¼	7x14x3½
Doz. in carton	1	1
Wt. doz., lbs.	4¼	7¾
Per dozen	\$2.40	4.00

CUSTARD CUP RACKS

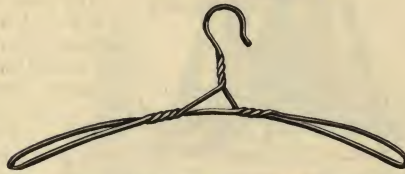


Holds custard cups or Pyrex utility dishes. Wire ribs welded to a heavy wire frame.

Per dozen
No. 3144—7¼x10⅞ in.; wt. per doz.
4¼ lbs.\$2.40
One dozen in a package.

GARMENT HANGERS

WIRE



Tinned Steel Wire; Offset Hook

Per dozen
No. 0410—17 in. long, No. 10 wire;
wt. per dozen 2¼ lbs.\$0.80
One dozen in a bundle.

SOAP DISHES

REGULAR



For Hanging
on Wall

Per dozen
No. 410—Retinned; 6x3½x1 in.; wt.
per dozen 1½ lbs.\$1.60
One dozen in a package.

FAUCET



For Hang-
ing between
Faucets

Per dozen
No. 485—Retinned; 5¾x3⅞x1 in.;
wt. per doz. 3½ lbs.\$1.60
One dozen in a box.

BATH TUB



For Hanging Over
the Roll Rim of
Any Bath Tub

Per dozen
No. 412—Retinned; 6x3½x1¼ in.;
wt. per doz. 2½ lbs.\$1.90
One dozen in a box.

TOWEL BARS

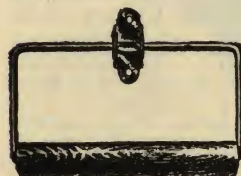


Steel, Nickel Plated

⅝ in. diameter rod, 2 in. bases.

Nos.	412	418
Length, in.	12	18
Dozen in bundle	1	1
Wt. doz., lbs.	7	7½
Per dozen	\$2.50	3.00

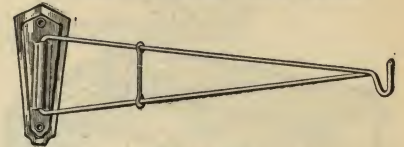
TOILET PAPER HOLDERS



Nickel Plated
Steel Frame
Natural Finished
Roller

Per dozen
No. 265—5⅝x3⅝ in.; wt. per dozen
2¾ lbs.\$1.40
One dozen in a box.

BIRD CAGE HOOKS



Swinging

Brass plated finish, light but sturdy in construction. Easy to put up.

Per dozen
No. 510—10 in. projection; No. 10
wire; wt. per dozen 2 lbs.\$1.60
One dozen in a box.

BIRD CAGE SPRINGS



Brass Plated, with Hook and Ring

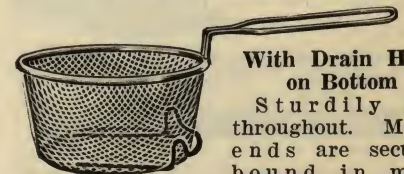
Per dozen
No. 425—3¼ in. long; wt. per doz.
¼ lb.\$0.90
One dozen in a box.

Solid Brass, With
Ring and Hook



Per dozen
No. 714—1⅞ in.
long; wt. per
doz. ¾ lb. \$1.20
One on a display
card, three dozen
in a box.

FRY BASKETS



With Drain Hook
on Bottom

Sturdily built
throughout. Mesh
ends are securely
bound in metal.
Drain hook is cor-
rectly shaped and securely fastened to
the bottom of the basket.

Per dozen
No. 708—7 in. diam., 3¼ in. deep;
wt. per dozen 7 lbs.\$5.50
One dozen in a carton.

BROILERS REVERSIBLE



Retinned,
heavy; bars
No. 14 wire,
handle and
frame No.
12 wire.

Per dozen
No. 72—9x12 in.; wt. per doz. 8¾
lbs.\$6.00
One-half dozen in a package.

LARGE PICNIC AND FURNACE

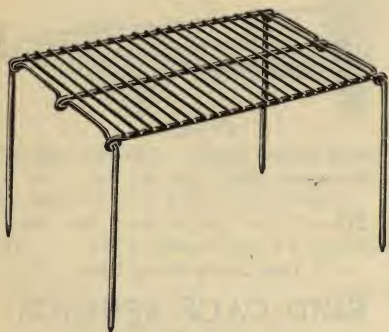


Long handle permits broiling on open
fire or through door of furnace. ⅞ in.
openings, ¼ in. frame and handles.

Per dozen
No. 73—10x10 in., 24 in. handle; wt.
per dozen 35 lbs.\$16.00
One-half dozen in a package.

CAMP GRIDS

PIK-NIK



Lacquered to Prevent Rust

Frames and legs No. 4 wire—bars No. 11 wire.

Just the right size to hold a big skillet and coffee pot at the same time, stands 11 in. above the ground.

Per dozen
No. 4893—11x17 in.; wt. per doz.

36 lbs.\$5.80

One dozen in a carton.

ROASTERS

MICHIGAN RED HOT



Roasts three frankfurters, small steak or two chops at one time.

Tinned wire, securely welded and reinforced.

Per dozen
No. 22—22 in. long; wt. per doz.

4 lbs.\$1.50

Two dozen in a box.

CAMP FIRE FORKS



A popular two-piece roasting fork. Fork portion rust-proofed. Handle finished in Chinese red.

Per dozen
No. 422—Length jointed 22 in.; wt.

per doz. 2½ lbs.\$1.60

One dozen in a box.

OVENS

ANDROCK GAS SAVER



Strongly built, bottom is of double construction deflecting the heat to the side. Ventilation assures uniform baking and browning.

Polished Steel; Two Color Band Around Outside

Per dozen
No. 317—For one burner, 7¾ in. high, 11¼ in. diam.; wt. per

doz. 44 lbs.\$16.00

One-quarter dozen in a carton.

BREAD TOASTERS



For gas or gasoline stoves, convex bottom, grooved edge to catch crumbs. The wire cone

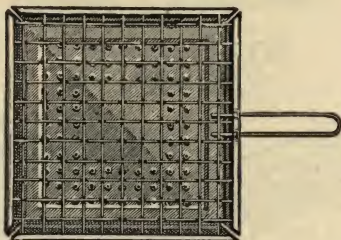
throws the heat of a bed of coals.

Per dozen

No. 308—Height 4¾ in., dia. 7½

in.; wt. per doz. 12 lbs.\$4.50

One dozen in a carton.



For gas, gasoline, oil or range. Toasts evenly, quickly and economically. The dished up body is designed to distribute the heat under the entire surface of the toaster.

Has sheet steel bottom and double crimped wire cloth bread rest.

Per dozen

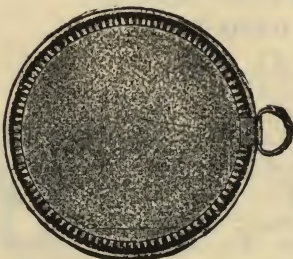
No. 306—9x9 in.; wt. per dozen 6

lbs.\$1.90

One dozen in a box.

STOVE MATS

ASBESTOS



When placed upon this mat, food may be kept warm upon the stove without scorching or boiling over; under cloth, it serves as stand for hot

dishes on table; for sad iron rest; over gas stove burner, it keeps food from burning on bottom and saves vessels from being blackened.

Heavy Asbestos Millboard

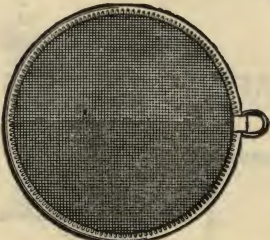
Per dozen

No. 73—8½ in. diameter, tin rim, wire ring handle; weight per

dozen 3½ lbs.\$1.50

One dozen in a package.

ASBESTOS



Serve a two-fold purpose: first, in toasting crackers, bread rusk, etc.; and second, in answering as a Stove Mat.

Heavy Asbestos Millboard, Wire Cloth Covered

Per dozen

No. 74—8¾ in. diam., tin rim, wire

ring handle, wt. per doz. 2½ lbs. \$1.70

One dozen in a box.

MENDETS



Mends all leaks instantly, without heat, solder, cement or rivets.

For mending granite ware, cooking utensils and rubber goods.

Will mend leaks varying in size from a pin hole to ¾ of an inch in diameter.

Per carton

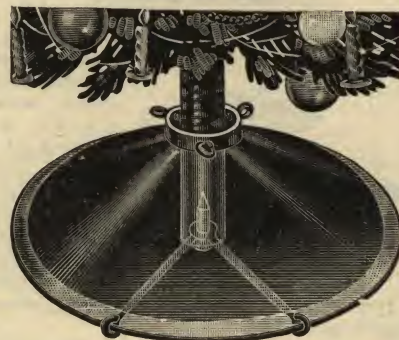
No. 3 Carton—Contains 2 doz. 10 cent packages; assorted sizes with wrench; wt. per carton 1 lb.\$3.30

No. 8 Carton—Contains 2 dozen 10 cent packages and 1 dozen 25 cent packages; assorted sizes with wrench; wt. per dozen 1½ lbs. 4.00

CHRISTMAS TREE

HOLDERS

CREAM CITY



Heavy Sheet Steel, Strongly Wired

Will hold any tree up to 2½ in. in a firm vertical position without using a ballast.

Green enameled with red band around bottom of base.

Per dozen

No. 2—16 in. diam. base; 4¾ in.

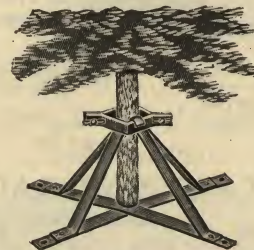
high; 2½ in. cast iron collar

with three thumb screws; wt.

per dozen 12 lbs.\$12.00

One-half dozen in a carton.

GEM



All Steel, Green Enameled

Quickly adjusted to hold any size tree by turning the thumb nuts at the top. Holder firmly clamps the tree—no wobbly screws or loose parts to become lost.

Per dozen

No. 50—16 in. spread; folds when

not in use; weight per dozen 20

lbs.\$9.60

One-half dozen in a carton.

STRAIGHT SPRING BALANCES

UNIVERSAL Light Pattern



Japanned stamped steel case; brass plated front; stamped figures and lines; tinned ring and hook.

Nos.	3	51
Capacity, lbs.	25x½	50x1
Lgth. over all, in.	7½	10
Weight dozen, lbs. ...	2	5
Per dozen	\$3.30	6.50

No. 3, one dozen; No. 51, one-half dozen in a box.

Heavy Pattern

Stamped figures and line, tinned ring and hoop.



	Per dozen
No. 81—Japanned stamped steel case, brass plated front; cap. 25x½ lb.; 11 in. long; wt. per doz. 5 lbs.	\$ 9.00
No. 84—Japanned cast iron case; brass front; cap. 50 x 1 lb. 12 in. long; wt. per doz. 12 lbs.	18.00

No. 81, one-half dozen; No. 84, one-quarter dozen in a box.

SPRING BALANCES PELOUZE

Black Enameled

Steel frame black enameled. Brass dial has distinct figures and graduations. Spring made from special crucible steel is extra strong and sensitive. Black enameled ring and hook.

Nos.	50	100
Cap., lbs.	50x½	100x1
Length, in.	11½	17
Doz. in carton ...	½	½
Wt. doz., lbs. ...	6½	21
Per dozen	\$23.20	51.00
Nos.	150	210
Cap., lbs.	150x1	210x2
Length, in.	17½	18
Doz. in carton ..	½	½
Wt. doz., lbs. ...	21	21
Per dozen	\$60.00	76.00

Open stock.

ICE BALANCES PELOUZE DOUBLE DIAL

Practically Unbreakable

Double dial feature makes the scale more easily read.

Easily adjusted if necessary; meets the requirements of departments of weights and measurements.

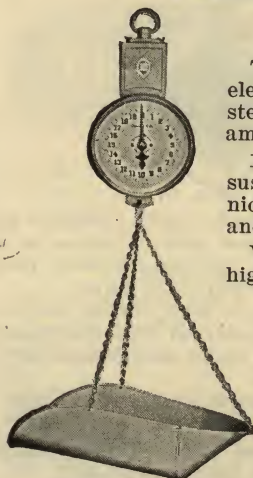
Heavy malleable iron body finished in black enamel; brass dial and nickel plated hook.



Nos.	202	300
Cap., lbs.	200x2	300x5
Length, in.	15½	15½
Wt. each, lbs.	6½	6½
Each	\$8.70	10.00

One in a box.

CIRCULAR SPRING BALANCES PELOUZE



With Scoop

7 in. white enameled dial. Rust-proof steel scale white enameled.

16 in. tin scoop is suspended by three nickel plated chains and hook.

Very sensitive and highly accurate.

Each
No. 113—Cap. 20 lbs. by oz.; wt. each 11 lbs.
.....\$8.70
One in a carton with scoop.

DAIRY SCALES PELOUZE



Gray Enameled Red Pointer

Invaluable to the farmer for weighing milk. Has patented adjustable hand for obtaining tare weight of empty pail.

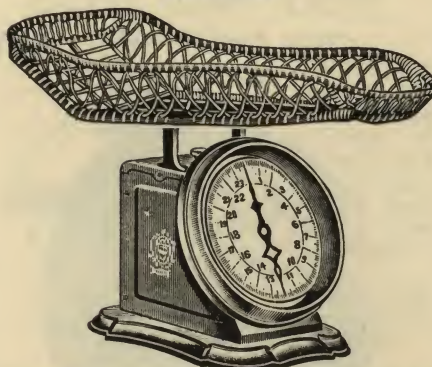
Warranted accurate.

7 inch dial of vitreous porcelain; is acid-proof and non-corrosive.

Nos.	D40	D60	D120
Cap., lbs.	40x1/10	60x1/10	120x2/10
Length, in. ...	17	17	17
Wt. each, lbs. ...	4	4	4
Each	\$6.60	8.00	10.00

One in a box.

INFANT SCALES PELOUZE

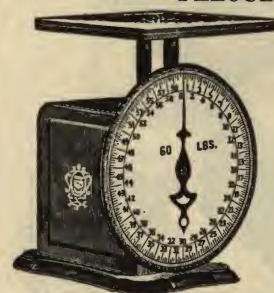


Ivory Enameled, with Removable Basket

Steel construction; 7 in. glass covered dial; double upright post supports. Regulating screw. Broad base prevents tipping.

	Each
Perfection—Cap. 30 lbs. by oz.; wt. each 5¼ lbs.	\$7.00
One-half dozen in a carton, baskets separate.	

FAMILY SCALES PELOUZE



Green Enameled Capacity, 60 lbs. by 2 ozs.

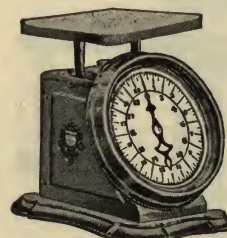
All steel construction 7¾ in. white enameled vertical dial. 7x7 steel platform; double upright supports; regulating screw.

With Platform, Without Scoop

Each
No. E60—8x10¾x9 in.; wt. each 6¼ lbs.
.....\$5.20
One in a box.

With Platform and Tin Scoop

Each
No. T65—Tin scoop 9x16 in.; scale 8x10¾x9 in.; wt. each 9¼ lbs.
.....\$7.00
One in a box.



Sea Green Enameled Capacity 30 lbs. by ozs.

All steel construction; enameled slanting glass covered dial; double upright post supports; regulating screw.

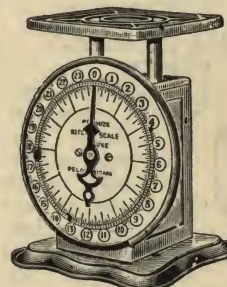
Steel Platform, Without Scoop

Each
No. E40—6½x8x8¼; wt. each 4½ lbs.
.....\$2.50
One in a box.

Steel Platform, with Scoop

Each
No. T45—Tin scoop 9x16 in.; scale 6½x8x8¼ lbs.; wt. ea. 5½ lbs.
.....\$3.20
One in a box.

PELOUZE DE LUXE



Enameled Asorted Colors—Blue, Green, Yellow and Gray. Without Scoop

All steel construction: white enameled slanting dial; square steel platform; double upright post supports; regulating screw.

Each
No. E30—Cap. 24 lbs. by oz.; 6½x8½ x6 in.; wt. ea. 3½ lbs.
.....\$1.50
One in a box.

Note—Always specify color wanted.

COUNTER SCALES

CONTINENTAL UNION



Black Enameled with Red and Gold Trimmings

Polished brass beams and sliding poises, hardened bearings and tool steel pivots, 10½x14 in. platform, complete with tin scoop.

Capacity—30 lbs. by ½ oz. in Scoop;
240 lbs. by ¼ lb. on platform.

Each
No. 508—Single Beam, wt. each 50 lbs.\$37.00
One in a box.

PORTABLE PLATFORM SCALES

AMERICAN



Hardwood Floor and Pillar Painted and Varnished
Steel bearings solid brass arrow point beam; platform 16x24 in.

Capacity — 600 lbs. by ½ lb., beam weights to 50 lbs.

Each
No. 49—Single beam; wt. each 150 lbs.\$38.50
One in a crate.

BATH ROOM SCALES

HANSON, PETITE



All parts accurately machined, six spring construction, adjusting screw, needs no oiling or mechanical attention. White dial with black figures, synthetic porcelain finish.

Green or White Finish

Each
No. 766—Cap. 250 lbs. by 1 lb., 5x10 x14 in. over all, 7x10 in. platform; wt. each 17 lbs.\$7.70
One in a carton.

Note—Specify color wanted.

BATH ROOM SCALES

HANSON WEIGH MASTER



Sturdy and durable; finely balanced to detect the difference plus or minus of a two-ounce weight. Enclosed bottom protects mechanism; adjusting screw.

Platform 10x10 in. with rubber mat insert; 8 in. glass covered dial has black graduations on a white background indicates half-pounds.

Synthetic porcelain finish with chromium trim.

White and Black Finish Each
No. 711—Cap. 250 lbs.; 10x14½ in., dial 8½ in. high, platform 4½ in. high; wt. each 23½ lbs....\$17.50
One in a carton.

Note—When ordering specify color wanted.

HANSON APARTMENT



Designed for use where space is at a premium or for traveling. Fully enclosed mechanism is durable and accurate.

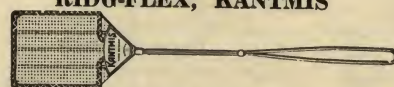
Platform 8x10¾ in.; 6½ in. dial rotates underneath platform and is protected by non-breakable glass.

Green or White Enameled Each
No. 700—Cap. 250 lbs. by 1 lb.; 3¾ x 8x10¾ in.; wt. each 9 lbs.....\$5.00
One in a carton.

Note—When ordering specify color wanted.

FLY SWATTERS

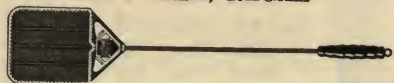
RIDG-FLEX, KANTMIS



Constructed of 12 mesh heavy copper-bronze wire cloth. Has six triple wire ribs in double rows which adds whip, rigidity and wear. Edges are folded, crimped and bound with ½ inch felt, all-wire handle.

Per dozen
No. 21—Length over all 23¼ in., blade 4¾x7½ in.; wt. per dozen 2 lbs.\$1.40
One dozen in a display carton.

RIDG-FLEX, REGAL



Constructed of 12 mesh heavy copper-bronze wire cloth. Has six triple wire ribs in double rows which adds whip, rigidity and wear. Edges are folded, crimped and bound with ½ inch felt, wire handle has enameled hardwood grip.

Per dozen
No. 23—Length over all 24½ in., blade 4¾x7½ in., wt. per dozen 2¼ lbs.\$1.60
One dozen in a display carton.

CELA-STRAN QUEEN

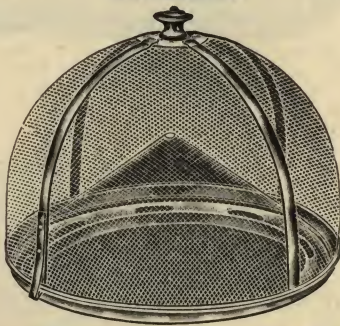


Constructed of woven cellophane, washable. Edges are bound with a ⅝ in. leatherette binding securely held in place by zig-zag stitching with No. 24, four cord silk thread. Wire handle has enameled hardwood grip.

Per dozen
No. 66—Length over all 23½ in., blade 4¾x6⅝ in.; wt. per dozen 2 lbs.\$1.60
One dozen in a display carton.

FLY TRAPS

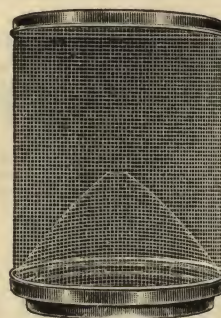
SUPERIOR



Rustless "Galvanoid" Wire Cloth Body
Shaped to insure against being blown or tipped over.

Per dozen
Superior—11x10 in.; bait pan and stays of heavy tin; wt. per dozen 15 lbs.\$16.00
One dozen in a carton.

JUNIOR SUPERIOR

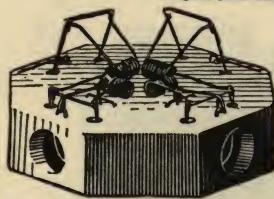


Rustless "Galvanoid" Wire Cloth Body

Per dozen
Junior Superior—5x4¾ in.; heavy tin bait pan, top and stays; wt. per dozen 4 lbs.\$2.40
One dozen in a carton.

MOUSE TRAPS

CHOKER



Four Hole,
Wood
Easy to set,
separate bait
holes, octagon
shape, stained
red.

Per dozen

Wood Choker— $4\frac{1}{2} \times 4\frac{1}{2} \times 1\frac{1}{2}$ in.; wt.
per dozen $3\frac{3}{8}$ lbs. \$1.90
One dozen in a bundle.

VICTOR



Wood Base, Coppered Steel Wire Spring
Metal trigger designed to make catch-
ing sure every time. Spring is tightened
with clinched staples that can't pull out.

Per dozen

Victor— $1\frac{7}{8} \times 3\frac{3}{8} \times \frac{1}{4}$ in.; wt. per doz-
en 1 $\frac{1}{2}$ lbs. \$0.38
One dozen in a carton.

HOLDFAST



Wood Base and Trigger

Powerful wire coppered spring, wood
bait pedal with hole for bait.

Per dozen

Holdfast— $1\frac{7}{8} \times 3\frac{3}{8} \times \frac{1}{4}$ in.; wt. per
dozen 1 lb. \$0.40
One dozen in a carton.

In Counter Display Carton

Selected hardwood base and trigger
coppered tempered steel spring.

Per package

No. 72 Package—Consists of six doz-
en Holdfast Mouse Traps, put
up in a $8 \times 8\frac{1}{2} \times 4$ in. counter dis-
play carton; wt. per package
about 5 lbs. \$2.30

RAT TRAPS

DEAD EASY



Wood Base and Trigger

Hardwood base, coppered tempered
steel spring. Has wood bait treadle with
hole for bait.

"Safe-to-set" catch makes setting of
the trap safe and easy. Trap cannot go
off until catch is pulled back.

Per dozen

Dead Easy— $3\frac{1}{2} \times 7$ in.; wt. per dozen
6 $\frac{1}{8}$ lbs. \$1.70
One dozen in a carton.

RAT AND MOUSE TRAPS

HOLD 'EM MOUSE



Spring Steel
Wire, Coppered

Double met-
al ribs, exten-
sion bottom,
self - closing
safety door.

Per dozen

No. M—9 in. long, $4\frac{1}{2}$ in. wide, 4 in.
high, No. 19 wire; wt. per doz.
8 lbs. \$9.60
One dozen in a carton.

HOLD 'EM RAT

Hard Coppered Steel Wire, Lacquered

Double pressed steel ribs, top operated
safety door.

Nos.	1	2	3
Length, in.	16	18	20
Width, in.	9	$9\frac{1}{2}$	10
Height, in.	7	$7\frac{1}{2}$	$7\frac{3}{4}$
Wt. doz., lbs. .	26	29	36
Per dozen	\$16.00	18.00	20.50

One-half dozen in a carton.

RAT AND MOUSE KILLER

JIM DANDY



Kills Rats,
Mice, Wharf
Rats, Moles
and Gophers

Sure remedy
for extermin-
ating rodents.
After eating
they go out-
side to die.

Harmless to
humans and
domestic ani-
mals including
cats, dogs and
poultry.

Per card

Jim Dandy—27 bags on a card, 10
pellets in a bag; wt. per card
3 lbs. \$4.80

STEEL GAME TRAPS

GIBBS SINGLE GRIP



Small and
light in wt.
Coil spring
makes it
powerful and
fast closing.

Trap rests
level — does
not wobble or
tilt.

Single Coil
Spring With
Chain

Per dozen

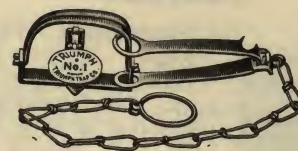
No. 1—For muskrats, mink, mar-
tens, etc. \$3.50
No. $1\frac{1}{2}$ —For mink, muskrats,
skunks, opossums, etc. 5.70

Specifications

Nos.	1	$1\frac{1}{2}$
Spread of jaw, in.	$4\frac{1}{4}$	$4\frac{3}{4}$
Weight doz., lbs.	7	8
Dozen in barrel	38	30

STEEL GAME TRAPS

TRIUMPH



Single spring, with chain and ring.

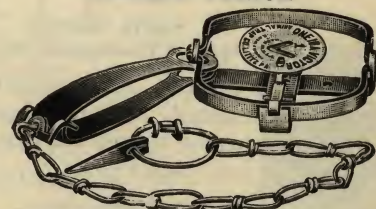
Per dozen

No. 1T—For muskrats, skunks,
mink, etc. \$3.25
No. $1\frac{1}{2}$ T—For mink, skunks, mar-
tens, opossums, etc. 5.10

Specifications

Nos.	1T	$1\frac{1}{2}$ T
Spread of jaw, in.	4	$4\frac{3}{8}$
Wt. doz., lbs.	8	11
Open stock.		

ONEIDA VICTOR



Equipped with chain and ring; single
spring, plain jaws.

Per dozen

No. 0V—For rats, weasels, pocket
gophers, etc. \$3.00
No. 1V—For muskrats, mink, opos-
sums, skunks, etc. 3.40
No. $1\frac{1}{2}$ V—For skunks, racoons, fish-
ers, muskrats, etc. 5.30

Specifications

Nos.	0V	1V	$1\frac{1}{2}$ V
Spread of jaws, in.	$3\frac{3}{8}$	4	$4\frac{1}{4}$
Lgth. of chain, in.	$16\frac{1}{2}$	$16\frac{1}{2}$	18
Wt. per doz., lbs.	5	$7\frac{1}{4}$	$11\frac{1}{4}$

Open stock.



Equipped with chain and ring; double
springs; plain jaws.

For muskrats, foxes, racoons, etc.

Per dozen

No. 2V—Spread of jaw $4\frac{3}{4}$ in.; lgth.
of chain 18 in.; wt. per dozen
14 lbs. \$7.00

Open stock.

MOLE TRAPS

REDDICK

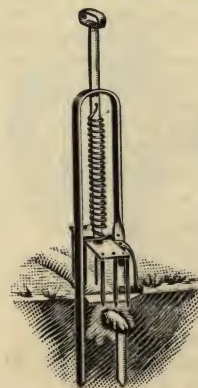
Steel, Double Tin-
ned, Rustproof

Japanned steel
wire coil spring trig-
ger set.

Per dozen

No. 24R—24 inches
high, 5 in. wide,
six best steel
wire tines, $1 \times 4\frac{1}{2}$
in. spring, wt.
per dozen 34
lbs. \$18.70

One-half dozen in a
carton.



WASH BOARDS

DRAKE BRASS

Single Brass Surface

Spiral crimp brass washing surface; open back. Washing surface supported by five truss rods.

Per dozen

Drake Brass—Standard family size; washing surface $10\frac{7}{8} \times 11\frac{1}{4}$ in., size over all $12\frac{1}{2} \times 23\frac{1}{4}$ in.; wt. per dozen 28 lbs.\$7.50

One-half dozen in a bundle.



DRAKE SILVER

Single Surface
Special Washboard Metal

Spiral crimp washing surface; open back; supported by five truss rods.

Per dozen

Drake Silver—Small family size; washing surface $10 \times 10\frac{3}{8}$ in., size over all $11\frac{5}{8} \times 23\frac{3}{8}$ in.; wt. per dozen 27 lbs. \$6.50

One-half dozen in a bundle.



SILVER KING

Double Surface, Special
Washboard Metal

Improved spiral crimp inserted horizontally on one side for heavy washing and vertically on other side for delicate fabrics; top notch construction.

Per dozen

No. 1824—Standard family size; washing surface $10\frac{7}{8} \times 11\frac{1}{4}$ in., size over all $12\frac{1}{2} \times 23\frac{3}{8}$ in.; wt. per dozen 31 lbs.\$8.50

One-half dozen in a bundle.



BRASS KING

Double Surface

Improved brass spiral crimp inserted horizontally on one side for heavy washing and special washboard metal surface inserted vertically on other side for delicate fabrics; top notch construction.

Per dozen

No. 1801—Standard family size; washing surface $10\frac{7}{8} \times 11\frac{1}{4}$ in., size over all $12\frac{1}{2} \times 23\frac{3}{8}$ in.; wt. per dozen 31 lbs. \$10.50

One-half dozen in a bundle.



WASH BOARDS

ATLANTIC GLASS

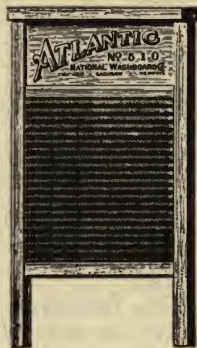
Single Glass Surface

Spiral crimp washing surface.

Per dozen

No. 510—Large family size; washing surface $10\frac{7}{8} \times 11\frac{1}{4}$ in.; size over all $13\frac{3}{8} \times 26\frac{1}{8}$ in.; wt. per doz. 57 lbs. \$13.00

One-half dozen in a carton.



OUR OWN

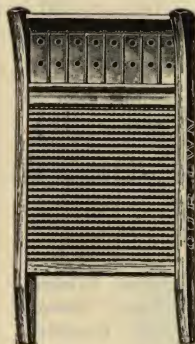
Single Surface
Special Washboard
Metal

Globe crimp washing surface; soap draining metal top; ventilated back.

Per dozen

No. 168—Large family size; washing surface $10\frac{7}{8} \times 11\frac{1}{2}$ in., size over all $12\frac{1}{2} \times 24\frac{3}{8}$ in.; wt. per dozen 44 lbs.\$13.50

One-half dozen in a bundle.



WASH-A-BIT

Double Surface
Special Metal

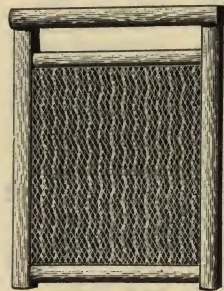
Pail size, will fit bathroom wash-bowl.

Improved globe crimp inserted horizontally on one side for heavy washing and angle crimp inserted vertically on other side for delicate fabrics.

Per dozen

No. 50—Pail size, washing surface $7 \times 8\frac{1}{2}$ in.; size over all $8\frac{1}{2} \times 12$ in.; wt. per dozen 10 lbs.\$4.20

Two dozen in a carton.



HAND WASHERS

RAPID



With Side Grip

Cop-R-Loy tin plate; lock seam joint. Reinforced at the bottom with galvanized wire.

Selected Northern fir wood handle with cross handle attached by a steel bolt passing through both handles.

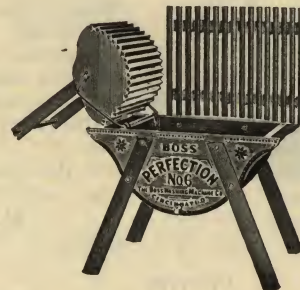
Per dozen

Rapid— $8\frac{1}{8}$ in. diam., 1×40 in. handle; wt. per dozen 25 lbs.\$9.60

One dozen in a carton.

WASHING MACHINES

PERFECTION



Open top construction with rub board supported by swinging bail. Made of genuine cypress lumber, natural finish.

Each

No. 4—Standard size; capacity 11 gals.; wt. each 45 lbs.\$10.00

One in a crate.

"O. K. KNOXALL" HIGH SPEED



Through the special designed gears, the operator exerts an enormous pressure, because of the methods used in setting the handle and its connecting parts; these special features make the "Knoxall" easy to start and easy to run.

The flywheel is provided with ball bearings and sufficient energy is stored up in it to maintain a steady application of power.

Operates by hand from either a standing or sitting position; a sturdy well constructed washer that will give years of long and useful service.

Will wash linens or heavy blankets with equal efficiency.

Selected Louisiana Red Cypress Tub

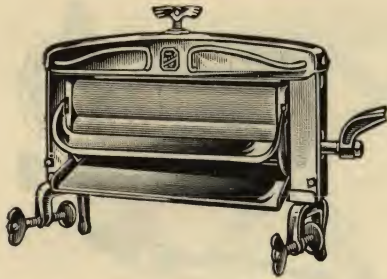
Each

No. H-5—Standard family size; six sheet capacity; corrugated sides and bottom, strongly braced stave legs; wide wringer box; finely finished and varnished; wt. each crated 99 lbs.\$24.00

One in a crate.

CLOTHES WRINGERS

LOVELL, ALL STEEL



Warranted 5 Years; Balloon Rolls

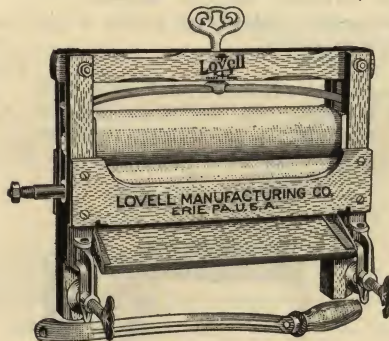
Rust proof, all steel frame aluminum finish; flat steel spring; ball bearings; single adjusting pressure screw; swinging hand rest or clothes guides, reversible water board. For use on stationary, round or square tubs.

Each

No. H65—12x2¼ in. semi-soft balloon rolls; wt. each 25 lbs.\$9.80

One in a carton.

LOVELL



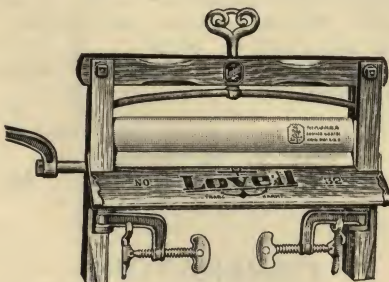
Warranted 3 Years; Balloon Rolls

For family use. Hardwood frame flat springs; ball bearings; reversible water-board and clamp to fit round or stationary tubs.

Each

No. RB32—12x1¼ in. balloon rolls; wt. each 17½ lbs.\$8.50

Two in a carton.



**Warranted 3 Years, for Family Use
For Round Tubs**

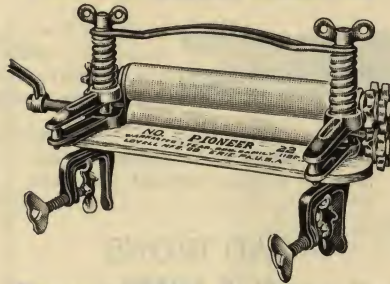
First quality hard maple frame, varnished. Flat steel spring. Rustproof metal parts. Plain bearings.

Each

No. 32—12x1¼ in. rolls; clamps open 1½ in.; wt. each 21½ lbs. \$7.10
Two in a carton.

CLOTHES WRINGERS

PIONEER, PLAIN BEARINGS



Warranted 1 Year, for Family Use

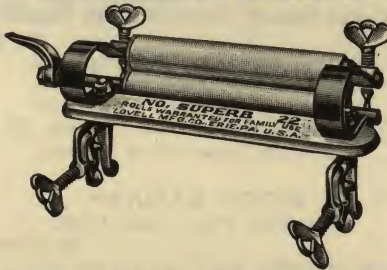
Galvanized malleable iron frame; steel spiral springs; "hold-fast" tub clamps open 1½ in., for galvanized iron, wood or fibre tubs.

Each

No. 22P—10x1¼ in. rolls; weight each 18 lbs.\$7.20

One in a carton.

SUPERB, PLAIN BEARINGS



Warranted 1 Year, For Family Use

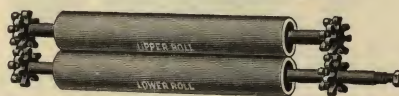
Galvanized malleable iron frame; japanned flat steel springs; "hold-fast" tub clamps open 1½ in.; relief screws for removing pressure when not in use; for galvanized iron, wood or fibre tubs.

Each

No. 22S—10x1¼ in. rolls; weight each 13 lbs.\$6.40

One in a carton.

WRINGER ROLLS



**For Wringers Having Exposed
Cog Wheels**

Extra high grade; warranted three years.

Each

No. 39—Upper; 10x1¼ in.; weight each 3¾ lbs.\$2.40

No. 60—Lower; 10x1¼ in.; weight each 4 lbs.2.40

Open stock.



**For Wringer Having Enclosed
Cog Wheels**

Extra high grade; warranted three years.

Each

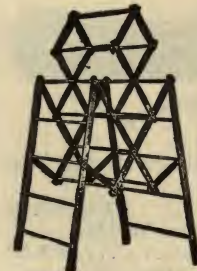
No. 33—Upper; 10x1¼ in.; weight each 3¾ lbs.\$2.40

No. 151—Lower; 10x1¼ in.; weight each 4 lbs.2.40

Open stock.

CLOTHES RACKS

HIGH-BOY FOLDING



Selected and seasoned hardwood, smoothly Finished.

Each

High-Boy—19 bars; 52 ft. of drying surface; folds to 5 in. thick by 63½ in. high; weight per dozen 129 lbs.\$2.90

LOW-BOY FOLDING

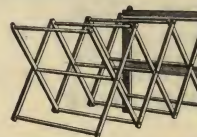


Selected and seasoned hardwood. Smoothly finished.

Each

Low-Boy—16 bars; 44½ ft. of drying surface; folds to 5 in. thick by 43¾ in. high; weight per dozen 108 lbs.\$2.50

WALL-BOY FOLDING



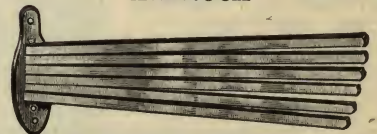
Selected and seasoned hardwood. Smoothly finished.

Each

Wall-Boy—9 bars; 12 ft. of drying surface; rounds 17 in. long; two extension adjustments; folds up to 4 in. from wall; wt. per dozen 60 lbs.\$1.80

All above, one in a carton, semi-knocked down.

ANDROCK



**Hardwood Arms, Smoothly Finished,
Heavy Nickel Plated Wall Plate**

Per dozen

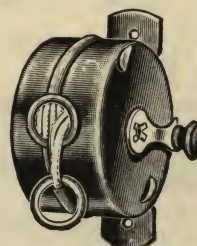
No. 6—Six 16 in. arms; weight per dozen 7 lbs.\$4.00

When not in use, arms fold up against the wall.

One dozen in a bundle.

CLOTHES LINE REELS

BLUE BIRD



A necessity for the kitchen, laundry and back porch.

Ratchet makes it possible to lock the reel as well as to tighten the line to a point where it will carry 40 pounds or more.

Blue Enameled Case

Per dozen

Blue Bird—5x2 in. two-piece heavy steel case, 1½ in. crank, complete with 30 ft. braided clothes line and screws and hooks; weight per dozen 10 lbs.\$8.00
One in a carton, one dozen in a case.

CLOTHES LINES

SILVER LAKE



Cotton

Firmly braided, pre-stretched; has loop for fastening to hook.

Per dozen

Silver Lake—High grade braided cotton; 50 ft. hanks\$10.50
One dozen in a carton, two connected.

ORCHARD CITY



Cotton

Per dozen

Orchard City—Good grade braided cotton; $\frac{5}{8}$ in. dia.; 50 ft. hanks; wt. per dozen $3\frac{1}{2}$ lbs.\$2.70
One dozen hanks to a bundle.

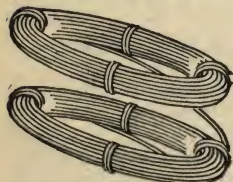
BURLINGTON

Cotton

Per dozen

Burlington—Braided cotton; $\frac{5}{8}$ in. dia.; 50 ft. hanks\$4.50
One dozen hanks in a bundle.

GALVANIZED SOLID WIRE



Soft Mild Steel Wire, Galvanized
Put up in dual
50 ft. coils.

Gauge, wire	8	9
Dual coils, ft.	100	100
Av. wt. dozen, lbs.	84	70
Per dozen	\$10.00	8.50

Open stock.

HOLLOW CABLE WIRE

No. 3



No. 4

Twisted Annealed Galvanized Wire,
Very Pliable

Nos.	3	4
Gauge wire	22	20
No. of strands	12	11
Feet in coil	100	100
Av. wt. doz., lbs.	30	42
Per dozen	\$9.00	11.20

Open stock.

CLOTHES PINS

COMMON



Best quality hardwood, round head.

Per case

No. 0—4 in. long; 5 gross in case; weight case 21 lbs.\$3.00

No. 2—4 in. long; 24 pins in package; 24 packages (4 gross) in a case; weight case 18 lbs. 3.00

Note—We do not break cases.

CLOTHES PINS

SPRING



Hard wood; polished; with 7 coil galvanized steel wire spring.

Per case

Yankee—3 dozen in a carton, 24 cartons in a case; weight per case 22 lbs.\$7.00

SAD IRONS

MRS. POTTS'



Nickel Plated; Selected Gum Handle

Per set

No. 50 Set—Consists of three sad irons—nickel plated with japaned tops, handle and steel stand; weight per set $12\frac{1}{2}$ lbs. \$2.30
One-third dozen in a carton.

EXTRA HANDLES

Fit Mrs. Potts' Sad Irons

Per dozen

No. 9—Selected gum grip waxed finish japanned iron stretcher; weight per dozen 7 lbs.\$2.10
Open stock.

DOVER, ASBESTOS



In Sets

Set consists of three double pointed cores with ironing surface carefully ground and polished; one nickel plated detachable asbestos lined hood, with black ebonized wood handle, and one asbestos covered stand; one iron with hood attached weighs 6 lbs.

Per set

No. 70 Set—Weight per set 16 lbs. \$3.40
One set in a carton, three in a package.

DOVER

Set consists of three double pointed cores with ironing surface carefully ground and polished, one nickel plated detachable hood with wood handle, and pressed steel stand; one iron with hood weighs $5\frac{1}{4}$ lbs.

Per set

No. 60 Set—Wt. per set $14\frac{1}{4}$ lbs. \$2.60
One set in a carton, three in a package.

EXTRA HOODS

Nickel Plated; Black Ebonized Handle

Each

No. 71—Asbestos lined; fits No. 70 cores\$1.50
No. 61—Fits No. 60 cores 1.25

GASOLINE SAD IRONS

COLEMAN



Match Lighting, Self-heating

Lights instantly, no preheating. Double pointed base. Burner extends full length of iron, heating entire bottom.

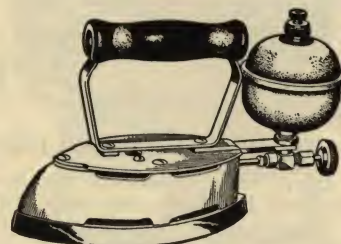
Two-piece ventilated lid prevents tarnishing and keeps handle cool. New Roto-Type generator with cleaning needle operated by rotary lever. Heat can be regulated for light or heavy work. Fount and valve unit are of brass. Nickel plated steel lid and handle frame. Blue enameled wooden handle and blue porcelain enameled body to match.

Complete with stand, pump wrench and measuring can.

Each

No. 4A— $\frac{1}{2}$ pt. fuel fount, iron $10\frac{3}{4}$ in. long, $4\frac{1}{4}$ in. wide, $6\frac{1}{2}$ in. high, 16 sq. in. ironing surface; wt. each 8 lbs.\$8.20

One in a carton.



Match Lighting, Self-heating

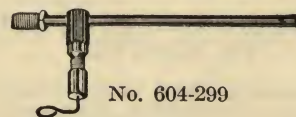
Self-heating, lights instantly no preheating. Double point nickel plated base. Green lacquered brass fount, black enameled handle, nickel plated cast iron body. Straight type generator with cleaning needle. Burner extends full length of iron, heats bottom evenly.

Complete with stand, pump, wrench and funnel.

Each

No. 8—Fuel capacity $\frac{1}{2}$ pint, $10\frac{1}{2}$ in. long, $3\frac{3}{4}$ in. wide, $6\frac{1}{2}$ in. high; wt. each 8 lbs.\$6.20
One in a carton.

GENERATORS



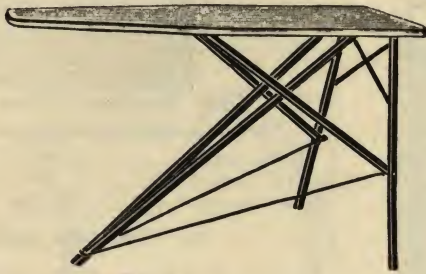
No. 604-299

For Coleman Gasoline Sad Irons

No. 603-299—For Nos. 3, 4 and 8	Each
No. 604-299—For Nos. 4A and 8	\$0.48
No. 605-299—For No. 5	.70

IRONING TABLES

RID-JID REGULAR



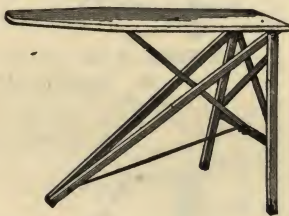
Selected kiln-dried soft wood top, moulded hardwood folding legs.

Natural finish, black enameled hardware; the top is splined at both ends to prevent warping.

This table cannot bend, break, collapse, wiggle or creep, and having only three legs, sets even on any kind of floor. Equipped with the new Clark Automatic Opening and Closing feature.

Rid-Jid—56x15 inch ironing surface; wt. per dozen 208 lbs. **\$4.00**
Each
One-sixth dozen in a package.

EASY-FOLD



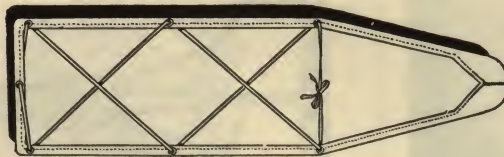
Clear selected lumber. Soundly constructed. It is strong, steady and durable. It cannot bend, break, collapse, or creep, and having three legs, sets even on any kind of floor.

This table has ample room at end to iron a shirt or a suit.

No. 1—50x15 in. ironing surface; wt. per dozen 140 lbs.**\$2.40**
No. 2—48x12 in. ironing surface; wt. per dozen 125 lbs. .. **1.70**
Each
One-sixth dozen in a package.

IRONING BOARD PADS AND COVERS

BLEACLO



Cover



Pad

Pad is made from bleached jute fibres, firmly punched into strong burlap. Cover is made from a heavy unbleached muslin.

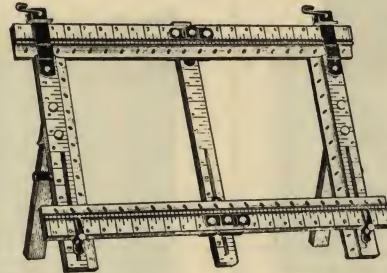
Cover and pad both 15x55 inches.

Bleaclo—Cover and pad; wt. per dozen 22 lbs.**\$0.88**
Per set

Three dozen in a carton.

CURTAIN STRETCHERS

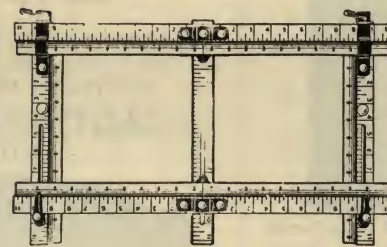
"DEPENDABLE"



With Stationary Pins and Easel

Clear white kiln-dried basswood with measuring rules. Stationary pins are 1 in. apart, nickel plated brass; will not rust. Center has improved patented steel inter-locking hinge with double strength face-plates, japanned. Riveted to bars with cadmium plated rivets. Self-squaring upper corners and clamps on lower corners.

No. 104AE—With easel; standard size 5x8 ft.; bars $1\frac{3}{4} \times 7\frac{1}{2}$ in.; will stretch any curtain from 6 in. square to $4\frac{1}{2} \times 7\frac{1}{2}$ ft. ($1\frac{1}{2} \times 2\frac{1}{2}$ yards); wt. per dozen 120 lbs.**\$4.20**
Each
One in a dust-proof carton, one-third dozen in a crate.



With Stationary Pins, Without Easel

Clear white kiln-dried basswood with measuring rule. Stationary pins $1\frac{1}{2}$ in. apart, nickel plated; will not rust. Center has improved patented steel interlocking hinge with double strength face-plates, japanned. Riveted to bars with cadmium plated rivets. Self-squaring upper corners and clamps on lower corners.

No. 108—Without easel; standard size 5x8 ft.; bars $1\frac{3}{4} \times 7\frac{1}{2}$ in.; will stretch any curtain from 6 in. square to $4\frac{1}{2} \times 7\frac{1}{2}$ ft. ($1\frac{1}{2} \times 2\frac{1}{2}$ yards); wt. per doz. 95 lbs.**\$3.50**
Each
One in a dust-proof carton, one-third dozen in a crate.

BABY BASKETS

BASSINETTE



Oblong, "V" Construction
Pure white maple. Handles are smoothly sanded hardwood and attached with steel rivets. Concave steel rivets between rim and handles.

Plain Body with Blue Rims

Per dozen
No. V97— $30\frac{3}{4} \times 15\frac{1}{4} \times 11\frac{1}{4}$ in.; wt. per doz. 50 lbs.**\$15.50**

One-half dozen in a bundle.

Fully Enameled Body, with Blue Rims

Per dozen
No. V97E— $30\frac{3}{4} \times 15\frac{1}{4} \times 11\frac{1}{4}$ in.; wt. per dozen 80 lbs.**\$28.40**
One-quarter dozen in a carton.

PICNIC BASKETS

UTILITY

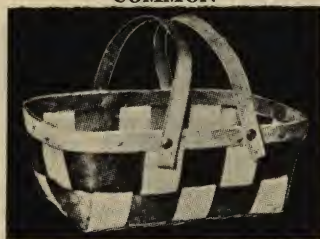


Pure white maple hardwood guards, rims, and handles. Handles are smoothly sanded and rounded. Concave steel washers between handles and rim. Removable cover.

Per dozen
No. P30— $18 \times 13\frac{1}{2} \times 8\frac{1}{2}$ in.; wt. per dozen 40 lbs.**\$12.80**

One-half dozen in a bundle.

MARKET BASKETS COMMON



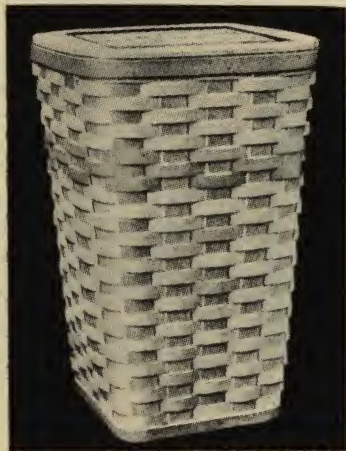
Hardwood handles and rims. Pure white maple body. Per dozen
No. S4—Capacity 16 qts.; $18\frac{1}{2} \times 12\frac{1}{2} \times 7$ in.; wt. per dozen 12 lbs. ..\$1.70
 One dozen in a bundle.

DURABLE



Made entirely of hardwood, reinforced with guards on sides and ends, heavy cross-slats on bottom. Per dozen
No. C30—Capacity 16 qts.; $17\frac{1}{2} \times 11\frac{1}{2} \times 7$ in.; wt. per dozen 16 lbs.\$4.50
 One-half dozen in a bundle.

CLOTHES HAMPERS UTILITY



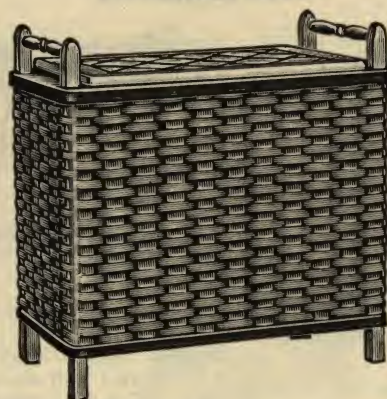
Square

Pure white maple with double weaving over extra heavy uprights. Rust-proof nails used throughout. Attractive coloring. Per dozen
No. C313— $18 \times 18 \times 26$ in.; wt. per dozen 75 lbs.\$17.20
 One-third dozen in a bundle.

PRACTICAL Oblong

Pure white maple with double weaving over extra heavy uprights. Rust-proof nails used throughout. Attractively enameled in ivory with green trim; and floral design. Per dozen
No. F313ED— $20 \times 13 \times 26$ in.; wt. per doz. 110 lbs.\$24.30
 One-third dozen in a crate.

CLOTHES HAMPERS BATHROOM SEAT



Pure white maple over substantial frame.

Ivory with Green Trim

Per dozen
No. B310 Special— $19\frac{1}{4} \times 10\frac{1}{8} \times 19\frac{1}{2}$ in.; wt. per dozen 144 lbs.\$30.70
 One-quarter dozen in a crate.

CLOTHES BASKETS WILLOW



Oval

Hand made from finest white willows, heavy willow bottom; washable.

Nos.	301	302	303
Size	Small	Med.	Large
Length, in.	26	28	30
Width, in.	16	18	20
Height, in.	10	11	12
Wt. doz., lbs.	40	45	50
Per dozen	\$13.50	15.00	17.60

 One-half dozen in a bundle.

DURA-BILT



Oblong, "V" Construction

Made of pure, white maple easy to keep clean, light in weight, smooth inside and outside. Heavy reinforced—drag runners keep clothes up above yard, dust and grass stains; ventilation through bottom and sides prevents mildew. Handle grips sanded smooth and fit the hand.

Nos.	V81	V82	V83
Length, in.	28	28	28
Width, in.	17	17	17
Depth, in.	10½	12	13½
Wt. dozen, lbs.	50	54	56
Per dozen	\$11.00	12.00	13.00

 One-half dozen in a bundle.

MOP HEADS BADGER



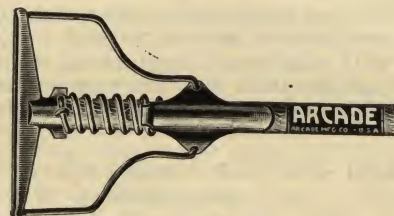
4-Ply Absorbent White Roving

Securely fastened together at center.

Size, ozs.	16	20	24
Wt. dozen, lbs.	12	15	18
Per dozen	\$7.50	9.20	11.20

One dozen in a package.

MOP STICKS ARCADE



Steel Head

Finest waxed wood handle; coppered metal parts.

Per dozen
No. 9102—6 in. width of head; $\frac{7}{8} \times 48$ in. handle; wt. per dozen 11½ lbs.\$1.80

One gross in a crate.

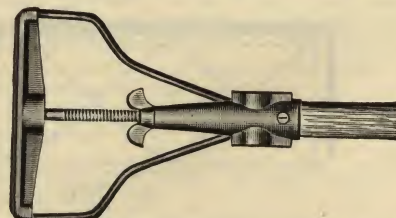


Janitor Size, Steel Head

Steel spring clamp construction; waxed wood handles; coppered metal parts.

Per dozen
No. 9135—7 in. width of head; $1\frac{1}{8} \times 54$ in. handle; wt. per dozen 25 lbs.\$4.50

One dozen in a bundle.



Heavy Janitor Size; Cast Iron Head

Screw type; metal parts black enamelled—nut and screw cadmium plated.

Action of a nut on a screw raises and lowers the head and tightens the mop head in place.

The handle is tightly clinched in a $4\frac{1}{2}$ in. ferrule, eliminating possibility of breakage at this vital point.

Per dozen
No. 9150—7 in. head; complete with $54 \times 1\frac{1}{8}$ in. polished hardwood handle; wt. per dozen 35 lbs.\$13.00

One dozen in a bundle.

MOP WRINGERS WHITE "CAN'T SPLASH"

White mop wringers squeeze the mop dry, with little effort; cannot wear or tear the mop; fit any pail and are always open to receive mop.

The "Can't Splash" feature consists of metal tongues or lips that project out over the holes and direct the water downward into the pail.



No. 14

Nos. 1 and 0

Household Size

Two-piece all 14 gauge steel cadmium finish; round steel handle.

Each
No. 14—For 8 to 16 oz. mops; wt. each 7½ lbs.\$5.00
One-half dozen in a carton.

Janitor Size

All steel; black enameled; round steel handle.

Each
No. 1—Small Janitor Size; for 16 to 20 oz. mops; wt. each 13 lbs. ..\$5.00
No. 0—Large Janitor Size; for 20 to 36 oz. mops; wt. each 16 lbs. 7.00
One-half dozen in a carton.

MOP WRINGERS AND BUCKETS EAGLE



Red Cypress Pail

Hard maple rollers; stamped steel roller guides, pail ears and toe pieces; coppered steel spring wire springs; black japanned metal parts.

Each
No. 10—Domestic Size; capacity 10 qts.; wt. each 12 lbs.....\$3.20
No. 14—Standard Size; capacity 14 qts.; wt. each 13¾ lbs..... 3.60
No. 20—Janitor Size; capacity 20 qts.; wt. each 16¾ lbs. 4.50
One-sixth dozen in a carton.

MOP WRINGERS AND PAILS MARTIN FLARING



Household Size

Ideal for the home, summer cottage, small restaurant or where floor space does not require the larger size pail.

Sturdy construction, pail, guards and bracket heavily galvanized, lever enameled red. Large hardwood rollers 1¼ in. diameter.

Each
No. 12—Capacity 12 qts.; wt. each 6 lbs.\$1.70

One-quarter dozen in a carton.

Janitor Size

All metal construction. Pail hot galvanized after making. Cannot dry out and leak. Large galvanized steel rollers will not warp and split. Wide opening for mop, pressure easily applied.

Each
No. 19—Capacity 20 qts.; wt. each 10 lbs.\$3.50

One-sixth dozen in a carton.

MARTIN STRAIGHT



Janitor Size

Heavy galvanized steel pail and rollers, heavy wire bail, spring steel wire springs. Easy action.

The rollers being made of galvanized steel cannot warp or split; mop guards prevent strings winding around rolls.

Each
No. 20M—Capacity 20 qts.; wt. each 11½ lbs.\$4.70

One-third dozen in a crate.

O-CEDAR MOPS COMBINATION "SOLID CENTER" SLIP-ON



Long new lint-proof cotton yarn, improved enamel solid center.

Pad is removable for washing and renewing, and easily replaced on the frame.

Triangular shape reaches into corners, get under the furniture, radiators, etc.

Equipped with 4 foot self-adjusting, metal screw head, yellow lacquered handle.

POLISHING

Buff Yarn, Treated with O-Cedar Polish

Per dozen
No. 4—Small size, complete with handle; wt. per dozen 23¼ lbs. \$16.00
No. 3—Large size, complete with handle; wt. per dozen 25¼ lbs. 24.00

Wrapped in cellophane; one dozen in a carton.

DUSTING

Green Yarn, Chemically Treated to Pick Up and Hold the Dust

Per dozen
No. 9—Small size, complete with handle; wt. per dozen 22¼ lbs. \$16.00

Wrapped in cellophane; one dozen in a carton.

"SLIP-ON"



Triangular shape; reaches into corners. Gets under low furniture, radiators, etc.

Equipped with 4 ft. self-adjusting, metal screw head, yellow lacquered handle.

POLISHING

Buff Yarn, Treated with O-Cedar Polish

Per dozen
No. 18—Small size, complete with handle; wt. per dozen 19½ lbs. \$11.00

Wrapped in cellophane; one dozen in a carton.

DUSTING

Green Yarn; Chemically Treated to Pick Up and Hold the Dust

Per dozen
No. 19—Small size, complete with handle; wt. per dozen 19½ lbs. \$11.00

Wrapped in cellophane; one dozen in a carton.

Note—On all above mops, handles separate, two dozen in a bundle.

O-SO-EZY MOPS

SLIP-ON



Pad made of good quality yarn, removable for washing and can easily be replaced on frame.

Triangular shape reaches into corners, gets under furniture, radiators, etc.

Equipped with 4 foot plain wax-finished handle.

Per dozen
No. 120—Polishing; $4\frac{1}{2}$ oz. buff yarn; complete with handle; wt. per dozen 23 lbs. \$8.00

No. 121—Dusting; $4\frac{1}{2}$ oz. white yarn; complete with handle; wt. per dozen $21\frac{3}{4}$ lbs. 8.00
One in a lithographed metal can.

One dozen in a carton.

FLOOR DUSTERS

O-CEDAR



Reversible, double dusting surface, soft lint-proof cotton yarn. 4 foot lacquered handle, flexible spring socket. This duster is sturdy,

perfectly balanced and light in weight.

Green Yarn, Chemically Treated to Pick Up and Hold the Dust

Per dozen
No. 31— $11\frac{1}{2} \times 10\frac{1}{2}$ in., complete with handle; wt. per dozen $22\frac{1}{4}$ lbs. \$16.00

Wrapped in cellophane, one dozen in a carton.



New, soft cotton yarn, solid metal center, protected ends, 4 foot lacquered screw thread wood handle, new unbreakable socket. Impossible to scratch or mar furniture with this mop.

Green Yarn, Chemically Treated to Pick Up and Hold the Dust

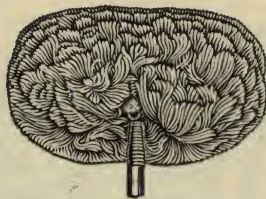
Per dozen
No. 22—20 in. spread, complete with handle; wt. per dozen 30 lbs. \$32.00

Wrapped in cellophane, one-half dozen in a carton.

Note—On all above, handles separate, two dozen in a bundle.

FLOOR AND WALL DUSTERS

O-CEDAR



New, soft lint-proof cotton yarn; adjustable tension handle holder, flexible spring socket. Lacquered wood handle, new fleece buffer, all metal parts fully padded.

Green Yarn, Chemically Treated to Pick Up and Hold the Dirt; 4 Foot Handle

Per dozen
No. 33— 10×16 in., complete with handle; wt. per dozen $23\frac{1}{4}$ lbs. \$16.00
Wrapped in cellophane, one dozen in a carton.

WAX APPLIER

O-CEDAR



Light in weight, simple in construction, sturdy and easy to use. Rubber backed spreading cloth prevents wax from soaking through; easily removed for washing.

Per dozen
No. 50— 9×3 in.; complete with 4 ft. handle; wt. per dozen $6\frac{3}{4}$ lbs. .. \$8.00

One dozen in a carton.

Note—On all above, handles separate, two dozen in a bundle.

FURNITURE AND FLOOR POLISHES

O-CEDAR



Bottle

Cleans as it polishes; quickly produces a rich, dry, lasting "velvet" lustre without any trace of grease or streaks.

The safest and finest polish for furniture, woodwork, autos, polish mops, etc.

In Bottles

Size bottles, ozs.	4	12
Dozen in case	2	2
Wt. per dozen, lbs.	8	19
Per dozen	\$4.00	8.00

In Cans

Size can	1 qt.	$\frac{1}{2}$ gal.	1 gal.
Dozen in case	1	1	$\frac{1}{2}$
Wt. doz., lbs.	$27\frac{1}{4}$	51	98
Per dozen	\$20.00	32.00	48.00

FURNITURE POLISH

O-CEDAR CREAM

Cleans, polishes, protects and beautifies without danger of scratches or harm to the most delicate furniture.

This velvety, fragrant cream polish is equally effective on furniture, woodwork and automobiles of all finishes.



In Bottles

Size bottle	Junior	Utility	Economy
Dozen in case ..	1	1	$\frac{1}{2}$
Wt. doz., lbs. ..	9	21	31
Per dozen	\$4.00	8.00	16.00

FURNITURE AND FLOOR WAXES

O-CEDAR LIQUID, SELF-POLISHING



An amazing finish which dries with a lustre and requires no rubbing.

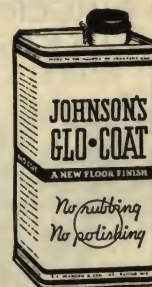
It is ideal for floors of painted, varnished or shellacked wood, linoleum, rubber composition, tile, terrazzo and asphalt base. May also be used on painted, varnished or shellacked concrete floors.

In Cans

Size can	1 pt.	1 qt.	1 gal.
Dozen in case	1	1	$\frac{1}{2}$
Wt. dozen, lbs.	$17\frac{1}{4}$	$32\frac{1}{2}$	116
Per dozen	\$8.00	13.60	48.00

GLO-COAT

JOHNSON'S



Shines as It Dries

Needs no rubbing or polishing. A remarkable new finish, applied with a cloth or Johnson applicator, that dries in 20 minutes and shines as it dries.

For linoleum, rubber, asphalt base, composition and varnished, shellacked or painted floors.

In Cans

Size Can	1 pt.	1 qt.
Dozen in case	4	2
Wt. doz., lbs.	18	34
Per dozen	\$12.00	22.40

PREPARED WAX

JOHNSON'S WAX



Clean, Polishes
and Finishes

Forms a thin protect-
ing coat over varnish,
adding years to its life.

Gives perfect results
over any finish, it im-
parts a hard, dry, velvet polish which
is impervious to water, dust, scratches,
heel marks, finger prints, etc.

The proper finish for woodwork and
floors of wood, tile, marble, composition
and linoleum.

In Cans

Size cans	3 3/4 oz.	1/2 lb.	1 lb.
Doz. in case	12	12	8 1/2
Wt. doz., lbs.	5 1/2	10 1/2	18
Per dozen	\$4.10	8.20	13.70

Size cans, lbs.	2	4	8
Doz. in case	4 1/2	2	1
Wt. doz., lbs.	36	64 1/2	127
Per dozen	\$25.70	48.00	90.00

JOHNSON'S LIQUID



Cleans, Polishes and
Finishes

It is the ideal furniture
polish, imparting a hard,
dry, oilless polish to which
dirt cannot cling.

Protects and preserves
the varnish, adding years
to its life and beauty; cov-
ers up mars and small sur-
face scratches.

In Glass or Tin Containers

Size containers	1/2 pt.	1 pt.	1 qt.
Doz., in case	4	4	2
Wt. doz., lbs.	12	25	28
Per dozen	\$8.20	12.00	22.30

Size containers	1/2 gal.	1 gal.
Doz. in case	1	1/2
Wt. doz., lbs.	55	106
Per dozen	\$38.40	64.00

DANCE FLOOR WAX

JOHNSON'S



Puts Floors in Perfect Con-
dition for Dancing

Put up in shaker top cans.
Sprinkle lightly over the
floor just before dancing and
the feet of the dancers will
spread the wax and polish
the floor producing a perfect
dancing surface.

Absolutely free from dust and will not
soil the daintiest slippers or gowns.

In Cans

Size cans	4 oz.	8 oz.	16 oz.
Doz. in carton	4 1/2	4 1/2	4 1/2
Wt. doz., lbs.	6	9 1/2	18
Per dozen	\$5.75	8.20	13.70

LIQUID WAX

DRI-BRITE

Dries Bright Without Rubbing



Can be used on any kind
of floor, linoleum, hard-
wood, composition, painted
and varnished floors, rub-
ber and asphalt tile.

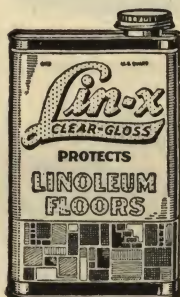
It requires no rubbing
when applied to the floor
and needs no polishing to
bring out its gloss. Yet
the finish wears just as
long, or longer, than that
obtained with old-fashion-
ed waxes.

In Cans

Size cans	1 pt.	1 qt.	1/2 gal.	1 gal.
Doz. in case	1	1	1	1/2
Wt. doz., lbs.	17	32	58	118
Per dozen	\$9.60	16.00	28.80	48.00

LINOLEUM FINISH

LIN-X



This complex chem-
ical formula is not a
lacquer, wax or ordi-
nary varnish, but a
perfect finish for lin-
oleum.

Alcohol, hot water
and hot grease proof.
Easy to apply. Dries
quickly to a high
gloss finish.

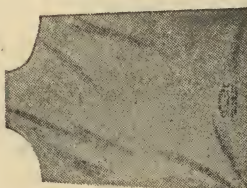
Preserves protects
and beautifies. An
ideal finish for linol-
eum, woodwork, wood
floors, boats, etc.

In Cans

Size cans	1 pt.	1 qt.
Doz. in carton	2	1
Wt. dozen, lbs.	16	31
Per dozen	\$12.50	22.00

CHAMOIS SKINS

L. B. IMPORTED FRENCH



Skin Shape

Single dressed,
heavy in weight
and superior in
tannage, unex-
celled for auto
and other heavy
duty use.

Each
24x36 in.; wt. per doz., 5 1/2 lbs. ...\$4.50

DOMESTIC

Tag Shape

A fine quality of domestic chamois for
heavy work.

Each
No. TC—18x30 in.; weight per doz.
3 1/4 lbs.\$2.25

Pocket Shape

Moderately priced for general and
household use.

Each
No. 13—17x23 in.; weight per doz.
2 lbs.\$1.50
All chamois one in an envelope.

SPONGES

ROCK ISLAND



Forms

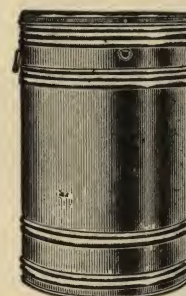
The best of all
sponges, strong and
durable.

Especially adapted
for heavy duty where
a strong tough sponge
is necessary.

Each
No. RF150—Number to a lb. 12 to
14\$1.00
Open stock.

SWEEPING COMPOUND

KILLDUST



Kills Dust, Disinfects
and Deodorizes

Made of Sisal fibre
waste, sand and a spe-
cial kind of floor oil.

Does not dry out,
freeze or spoil, con-
tains no water or
kerosene and does not
stain the floor. Ab-
sorbs all dust, picks
it up and gets it clear
of the building. Can
be used on any kind of floor.

In Steel Drums

Per drum
Drake Hdwe. Co.—In 100 lb. drums \$3.50
Killdust—In 100 lb. drums 4.00
No. 3-Cottowaxo—In 100 lb. drums.. 3.00

DAIRYMEN'S CLEANSER

WYANDOTTE



For General Cleaning

A pure white powder
which dissolves quickly in
hot or cold water, and re-
moves all dirt, food par-
ticles, sourness and objec-
tionable odors. It is 100%
active cleaning material
and contains no caustics
or grease.

Per bag
5 Pound Bag—Fifty 5 lb. bags in a
barrel\$0.60

PRO-TEK HAND CREAM

DU PONT



The Invisible Glove

Not a soap; it is
used before the hands
are soiled. To remove
it is only necessary to
wash with soap in
running water. This
dissolves the protec-
tive film and carries
away the dirt and
grime.

Harmless to the skin.

Size cans	12 oz.	1 gal.
Doz. in case	2	1/2
Wt. doz., lbs.	7 1/2	70
Per dozen	\$8.00	16.00

CARPET SWEEPERS
PURITAN



All metal stream-lined case is grained mahogany lacquer finish. Has genuine bristle brush with automatic adjustment. Perfectly balanced.

Incorporates all the basic mechanical features necessary for positive sweeping action.

Each

No. 1935—14¾x10 in. sweeper; handle 42 in. long; wt. each 4½ lbs. \$3.50

One in a carton, one-half dozen in a case.

ALL AMERICAN



Unusually low case rigidly constructed of veneer and hardwood, finished in mahogany; metal parts finished in black baked enamel.

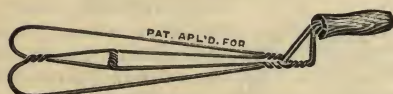
Equipped with the Porter two way brush adjustment-sweeping action always positive. Heavy protector braid reinforced at corners with heavy rubber shock absorbers.

Each

No. 1933—14¾x11 in. sweeper; 42 in. metal threaded handle; wt. each 6½ lbs. \$4.50

One in a carton, one-half dozen in a case.

CARPET BEATERS
JUSTRIGHT



Raised Handle Protects Knuckles

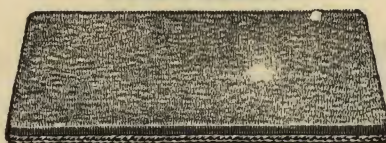
Double braced shank, No. 10 high grade coppered market spring wire; nicely finished hardwood handle, assorted colors, red, green and black.

Per dozen

No. 175—30 in. long, 175 in. beating surface; weight per dozen 7½ lbs. \$2.15

One-half dozen in a bundle.

DOOR MATS
COCOA BRUSH



Good grade medium mat made of good quality yarn, 1½ in. thick.

Nos.	0	1
Size, in.	13x22	14x23
Wt. per doz., lbs.	35	40
Per dozen	\$13.20	15.00
Nos.	2	3
Size, in.	16x27	18x30
Wt. per doz., lbs.	50	60
Per dozen	\$20.50	25.50

One dozen in a bundle.

FLOOR BRUSHES
OSBORN



Staple set; raised center block, two threaded handle holes; complete with 4½ ft. polished handle.

Pure Gray Horse Hair
Green lacquered finish.

Per dozen

No. 374—14 in. block, 2¾ in. length of stock; wt. per doz. 30 lbs. \$18.00

Selected Black Tampico Fibre
Center Black Horse Hair Casing
Red lacquered finish.

Per dozen

No. 867—16 in. block; 2¾ in. length of stock; wt. per doz. 38¼ lbs. \$27.00

Pure Black Horse Hair
Red lacquered finish.

Per dozen

No. 216—16 in. block; 2¾ in. length of stock; wt. per dozen 38 lbs. \$35.00
One in a box.

GARAGE AND FACTORY BRUSHES
OSBORN



Selected Palmyra Fibre

Staple set; solid block, natural buffed finish, two tapered handle holes, oval face; complete with 4½ ft. shellac finished handle.

Heavy duty brush for sweeping garage or factory floors, sidewalks or any type of rough work.

Nos.	641	642
Length of block, in.	16	18
Length of stock, in.	4	4
Weight per doz., lbs.	34½	46¾
Per dozen	\$19.50	23.00
No.	645	
Length of block, in.	24	
Length of stock, in.	4	
Weight per dozen, lbs.	58¾	
Per dozen	\$30.50	

One in a box.

STREET BROOMS
OSBORN



African Bass Fibre

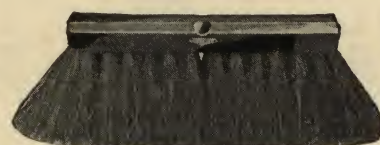
Trim 5¼ in.; solid block, wide flare on sides and ends.

Recommended for general street sweeping also excellent for use as dairy and barn broom.

Handle not included.

Per dozen

No. 286-D—14x3¼ in. block; 4 rows wide; 16x3¼ in. face of brush; wt. per dozen 39 lbs. \$14.40
One dozen in a box.



African Bass Fibre

Trim 6¼ in.; solid block, wide flare on sides and ends.

Recommended for general street sweeping especially on comparatively smooth surfaces.

Handle not included.

Per dozen

No. 500-D—16x3½ in. block; 5 rows wide; 20½x4 in. face of brush; wt. per dozen 39 lbs. \$19.00
One dozen in a box.

STREET BROOM HANDLES
OSBORN

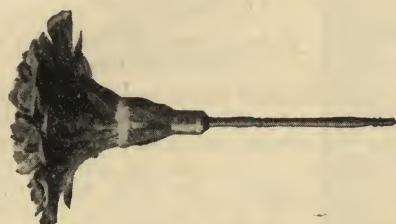


Selected Hardwood, Tapered End

Per dozen

No. 128—4½ ft. long 1½ in. diam.; wt. per dozen 14 lbs. \$2.70
Open stock.

FEATHER DUSTERS
STANDARD SPECIAL



Tail and Wing Feathers

Made on hardwood blocks with detachable handles. Handles finished in orange lacquer.

Per dozen

No. 14—100 count; wt. per dozen 10 lbs. \$12.00
One in a sealed envelope.

COUNTER BRUSHES OSBORN



Pure Gray Horse Hair

Staple set; solid green lacquered handle.

Per dozen
 No. 537—Trim $1\frac{1}{8}$ in.; 7 in. length
 of brush; wt. per doz. 6 lbs. ..\$4.50
 One dozen in a box.



Pure Black Horse Hair

Staple set; solid red lacquered polished handle.

Per dozen
 No. 581—Trim $2\frac{1}{2}$ in.; 8 in. length
 of brush; wt. per doz. $9\frac{1}{2}$ lbs. \$18.70
 One-half dozen in a box.

WINDOW BRUSHES OSBORN



Staple set; $8 \times 2\frac{1}{2}$ in. solid natural polished block, square ends oval face.

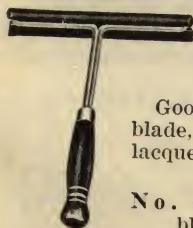
White Tampico Fibre

Per dozen
 No. 90— $2\frac{1}{2}$ in. trim; wt. per dozen
 $13\frac{1}{4}$ lbs.\$9.00
 One-half dozen in a box.

Pure Black Horse Hair

Per dozen
 No. 93— $2\frac{1}{2}$ in. trim; wt. per dozen
 $12\frac{1}{2}$ lbs.\$12.00
 One-half dozen in a box.

WINDOW CLEANERS



KLEEN SWEEP

Good quality rubber edged blade, metal ferrule, green lacquered wood handle.

Per dozen
 No. G103— $6 \times \frac{3}{4}$ in.
 blade; $7\frac{3}{4}$ in. long
 3 lbs.\$1.70
 One-half dozen in a box.

IDEAL

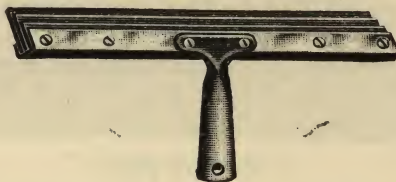


No. 22—Galvanized iron frame and handle fitted with double $\frac{1}{8}$ in. rubber. "U" shaped fold on blade acts as a drip catcher for water, preventing it from running down the handle.

Length, in.	10	12	14	16
Wt. per doz., lbs.	$4\frac{1}{2}$	5	6	7
Per dozen	\$3.00	3.20	3.50	3.80

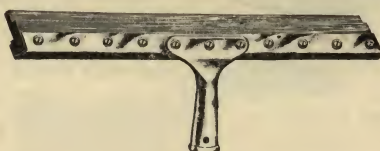
One-half dozen in a carton.

WINDOW CLEANERS IDEAL



Steel handle dark green enamel finish. Blades are rust-proof cadmium plated steel, fitted with triple red rubbers, $\frac{3}{8}$ in. thick. Blade is of one-piece construction; giving added strength; brass screws.

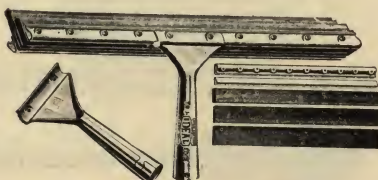
Per dozen
 No. 62R—16 in. blade wt. per doz.
 $9\frac{1}{2}$ lbs.\$8.00
 One in a carton.



Handle is extra heavy steel red duco finish, steel cadmium plated rust-proof blades, fitted with double rubbers $\frac{3}{8}$ in. thick. "L" shaped top blade gives added strength and keeps cleaning edge true.

Per dozen
 No. 93—16 in. blade wt. per doz.
 16 lbs.\$12.00
 One dozen in a carton.

TAKE-DOWN



Professional Type

All metal parts including bolts are solid brass. Patent drip prevents water from dripping down handle. Extra long handles locked at point of contact with pole to prevent spreading. Blades fitted with 3 layers of red pure gum rubber.

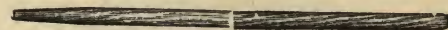
Per dozen
 No. 88—16 in. blade; wt. per doz.
 20 lbs.\$30.00
 One in a carton.

EXTRA RUBBERS

For No. 88 Take-down Window Cleaners

Per dozen
 No. 88-1—Face rubber, $\frac{3}{8} \times 1\frac{1}{2}$ in. \$3.60
 No. 88-2—Center rubber, $\frac{3}{8} \times 1\frac{1}{8}$
 in. 3.40
 No. 88-3—Back rubber, $\frac{1}{8} \times 1\frac{1}{8}$ in. 3.60
 Open stock.

WINDOW BRUSH POLES OSBORN



Dry Selected Basswood, Smoothly Finished

Also used with window cleaners.

Per dozen
 No. 8—8 ft. long, 1 in. diameter;
 wt. per dozen $14\frac{1}{4}$ lbs.\$5.00
 Open stock.

STOVE BRUSHES OSBORN



Black Tampico Fibre

Staple set; 1 in. trim, plain solid block pointed ends, plain handle.

A combination dauber and flat face stove polishing brush.

Per dozen
 No. 802— $10\frac{1}{4} \times 2\frac{1}{8}$ in. block 4 rows
 wide; wt. per doz. $7\frac{1}{2}$ lbs. ...\$4.50
 One dozen in a box.

MILK CAN BRUSHES



Stiff Palmetto Fibre

Staple set; flaring wings; $1\frac{1}{8}$ in. trim in body, $1\frac{1}{8}$ in. in wings; solid block. The flaring wings make it possible to get into corners.

Per dozen
 No. 08— $6\frac{3}{4} \times 2\frac{1}{2}$ in. block; $9\frac{1}{2} \times 5$
 in. face of brush; weight per
 dozen 9 lbs.\$6.50
 One dozen in a box.



Stiff Palmetto Fibre

Staple set; 2 in. oval trim; solid block.

Per dozen
 No. 416— $5 \times 5\frac{1}{2}$ in. brush part, 10
 in. length over all; wt. per doz.
 $8\frac{3}{8}$ lbs.\$6.00
 One dozen in a box.

SINK BRUSHES OSBORN HANDY HOUSE



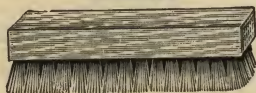
White Tampico Fibre

Staple set; $\frac{1}{8}$ in. trim. Solid hardwood block, handled.

Per dozen
 No. 861— $5 \times 1\frac{1}{2}$ in. block, 4 rows
 wide; wt. per doz. 2 $\frac{1}{2}$ lbs. ...\$1.60
 Three dozen in a box.

HAND BRUSHES

DANDY

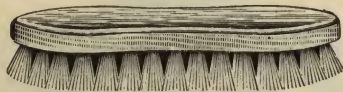


White Tampico Fibre

1½ in. trim; solid polished block.
Per dozen
Dandy—5x1½ in. block, 4x15 rows;
wt. per dozen 2 lbs.\$0.72
Six dozen in a box.

SCRUBBING BRUSHES

POINTED END



White Tampico Fibre

1 in. trim; polished block.
Per dozen
Dandy—8½x2¼ in. block, 3x15
rows; wt. per doz. 4½ lbs.\$1.70
Two dozen in a carton.



White Tampico Fibre

1 in. trim; polished block.
Per dozen
Peerless—8¾x2½ in. block, 4x16
rows; wt. per doz. 5 lbs.\$2.40
Two dozen in a carton.



White Tampico Fibre

Wing end; ¾ in. center trim, 1½ in.
wing; polished beaded edge block.
Per dozen
Ironclad—9¼x2½ in. block, 6x25
rows; wt. per doz. 6¼ lbs. ..\$4.00
One dozen in a carton.

SQUARE END

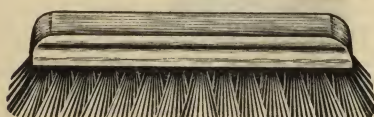


White Tampico Fibre

1½ in. trim; polished block.
Per dozen
Wolf—8¼x2¾ in. block; 5x14 rows;
wt. per doz. 6¾ lbs.\$3.20
One dozen in a carton.

Palmyra Fibre

1½ in. trim; polished block.
Per dozen
Roach—8¼x2¾ in. block; 5x14
rows; wt. per doz. 6¾ lbs.\$2.60
One dozen in a carton.



Palmetto Fibre

Per dozen
Daytone—8¼x2¾ in. polished block,
5x14 rows; wt. per dozen 8 lbs. \$4.50
One dozen in a carton.

SCRUBBING BRUSHES

DECK



Palmyra Fibre

2 in. trim; sanded block has two han-
dle holes.
Per dozen
No. 1065—10x2¾ in. block, 6x20
rows; wt. per doz. 15 lbs.\$6.50
One dozen in a carton.

DISH MOPS

DUCK



Soft White Cotton Yarn

Green wood handle with eyelet.
Per dozen
No. 2—4¼x4¼ in. mop head, 12 in.
handle; wt. per dozen 2 lbs....\$1.70
One dozen in a carton.

VEGETABLE BRUSHES



Wire—Tampico Mix

Green handle, with ring.
Per dozen
No. 305—2½x2½ in. brush, 4 in.
grip on handle; wt. per dozen
2½ lbs.\$1.70
Two dozen in a carton.

MILK BOTTLE BRUSHES



Black Chinese Bristles, Wire Wound

Per dozen
No. 72—Brush part 6½ in. long, 2¾
in. diam., ½x8¼ in. hickory
handle; wt. per doz. 5 lbs.\$7.50
One dozen in a carton.

CREAM SEPARATOR

BRUSHES

TAPERED SPOUT



Black Chinese Bristle

Per dozen
No. 818—Brush part 1¼ in. diam.,
at handle end tapering to ¾
in., 5 in. long; 12 in. long over
all; wt. per dozen ¾ lb.\$1.20
Open stock.

CREAM SEPARATOR

BRUSHES

SPOUT



Black Horse Hair

Per dozen
No. 821—Brush part 2½x6 in. in-
cluding end tuft, 15 in. long
over all; wt. per doz. 1¾ lbs. \$3.20
Open stock.

TUBE AND SPOUT



Black Chinese Bristles

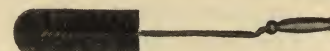
Nos.	810	811
Diam. brush, in.	¼	½
Length brush, in.	2	3
Length over all, in. ..	6¼	8½
Wt. dozen, lbs.	½	¾
Per dozen	\$0.72	.80
Nos.	812	813
Diam. brush, in.	¾	1
Length brush, in.	2½	4
Length over all, in. ..	8¼	11¼
Wt. dozen, lbs.	½	¾
Per dozen	\$0.80	1.20

Open stock.

Stiff Black Chinese Bristles

Per dozen
No. 816—Brush part 1½x5 in., 16
in. long over all; wt. per dozen
1½ lbs.\$2.00
Open stock.

BOTTLE BRUSHES



Black Chinese Bristles

Enameled wood crank handle with
screw eye at end.
Per dozen
No. 1206—Brush part 6x3 in., 16¾
in. long over all; wt. per dozen
3 lbs.\$4.50
One dozen in a carton.

BOWL BRUSHES



White Tampico Bristles

Green enameled wood handle with ring.
Per dozen
No. 250—6x4¼ in. brush, 4½ in.
grip on handle; wt. per doz.
6¼ lbs.\$3.40
One dozen in a carton.

RADIATOR BRUSHES



Pure Black Bristles

Green enameled wood handle with ring.
Per dozen
No. 301—6x2½ in. brush, 4 in. grip
on handle; wt. per dozen 3½
lbs.\$2.70
One dozen in a carton.

SPOKE BRUSHES

NATIONAL



Black Bristle Tip, White Tampico Body

Twisted in wire, wire extends through handle forming convenient ring for hanging at end of handle, plain handle.

Per dozen

No. 102—Brush part 10¼ in. long, diam. 2½ in., diam. at tip 1½ in.; 15½ in. long over all; wt. per dozen 5⅞ lbs.\$3.50

One dozen in a carton.

White Tampico Fibre

Twisted in wire, wire extends through handle forming convenient ring for hanging; plain handle.

Per dozen

No. 150—Brush part 10¼ in. long, diam. 2½ in., diam. at tip 1¾ in. long over all; wt. per dozen 5 lbs.\$1.20

One dozen in a carton.

ACID SWABS



Stiff bristles; tin handle.

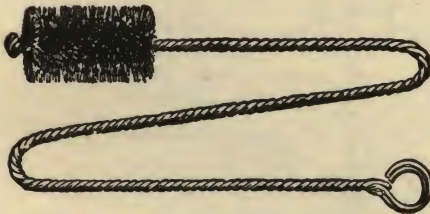
Per dozen

No. 1—6 in. length over all; wt. per dozen ¼ lb.\$0.30

One gross in a carton.

FURNACE BRUSHES

NATIONAL



Tempered steel wire; single spiral flexible wire handle.

Per dozen

No. 72—4 in. diam. head, 6 in. long, 6 ft. handle; wt. per dozen 9¼ lbs.\$4.50

Open stock.

STEEL WIRE BRUSHES

PILLEY'S QUICK KLEANER



Finest Spring Steel Wire

Japaned malleable iron head and handle.

For cleaning pots, pans, files, machinery, etc.

Per dozen

No. 855—6 in. long over all, 1½ in. wires; wt. per dozen 3½ lbs. ...\$3.60

One dozen on a display card.

STEEL WIRE BRUSHES

OSBORN

Best Quality Fine Carbon Steel Wire
Steel wire scratch brushes are labor savers. As a substitute for sandpaper, steel wool, and other abrasives, they are more convenient to handle and do quicker and better work.

CURVED HANDLE



Fine Round Tempered Steel Wires, Solid Wood Block

Especially adapted to pattern maker's and braziers' finishing work.

Per dozen

No. 1777—3x19 rows, 1½ in. trim, length of brush 6 in.; 1½x14 in. handle; wt. per dozen 5½ lbs. \$3.30

One dozen in a carton.

SHOE HANDLE



Fine Round Tempered Steel Wires, Solid Wood Block

A handy household brush also for removing varnish.

Per dozen

No. 1781—4x16 rows, 1¼ in. trim, length of brush 5¼ in., 1½x10 in. handle; wt. per dozen 5 lbs. \$4.20

One dozen in a carton.

STRAIGHT BACK



Fine, Round Tempered Steel Wires, Solid Wood Back

Per dozen

No. 1780—6x19 rows, 1¼ in. trim, 7¼x2¼ in. block; wt. per dozen 7¼ lbs.\$4.80

One dozen in a box.

CURVED BACK



Fine, Round Tempered Steel Wires, Solid Wood Blocks

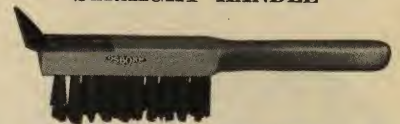
Per dozen

No. 1779—9x21 rows, 1½ in. trim, 7¼x2¼ in. block; wt. per dozen 10 lbs.\$7.20

One dozen in a box.

STEEL WIRE BRUSHES

STRAIGHT HANDLE



With Scraper Attached

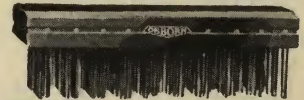
Fine round tempered steel wires, solid wood block.

Per dozen

No. 7998—4x11 rows; 1½ in. trim, scraper blade 2⅞ in. wide, 11⅞ x1½ in. block; wt. per dozen 8½ lbs.\$9.60

One dozen in a carton.

BUTCHER BLOCK



Flat Tempered Steel Wires

Per dozen

No. 106—5x10 rows, 1½ in. trim, 7¼x2¼ in. block; wt. per dozen 11¼ lbs.\$4.20

Three dozen in a carton.

STEEL WIRE BRUSH ASSORTMENTS

JIM DANDY



Straight Back

A sturdy serviceable brush for removing rust, paint, etc.

Black tempered steel wire.

Per assortment

Jim Dandy—Contains one doz. steel wire brushes; 5x10 rows, 4½x1½ in. block, 1¼ in. trim; wt. per assortment 4½ lbs.\$2.40

One assortment in a display carton.

KLEEN-IT



Curved Handle

Handy size and shape, for removing grease, dirt or rust from chassis, springs or motor.

Black tempered steel wire.

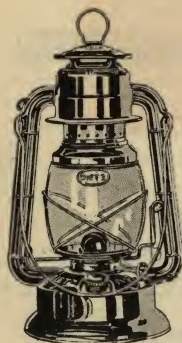
Per assortment

Kleen-It—Contains one doz. steel wire brushes; 3x13 rows, 12½x7½ in. block, 1½ in. trim; wt. per asst. 4½ lbs.\$2.40

One assortment in a display carton.

DIETZ LANTERNS

LITTLE WIZARD, COLD BLAST



A big selling small lantern of the best cold blast type.

Fitted with Dietz Loc-Nob globe which cannot fall out when swung back for lighting. Safety inside lift braced to fount. Burner locked on with two lugs so that oil cannot spill if overturned.

Made of cold rolled steel and coated with grade "A" charcoal pure tin. Sturdy round and beaded tubes. Volume of light by test 6 candle-power.

Patented steel burner.

Per dozen

Little Wizard—11½ in. high; No. 201 burner, ⅝ in. wick; Little Wizard Loc-Nob globe; fount cap. 20 hrs.; wt. per doz. 24 lbs. \$18.50

Little Wizard—With Ruby Globe, otherwise same as above; wt. per dozen 24 lbs. 22.90

One dozen in a case.

D-LITE, COLD BLAST



Embodies the latest ideas in high grade cold blast lanterns.

Fitted with Dietz Loc-Nob globe which cannot fall out when swung back for lighting, has wide opening for easy cleaning. Has new large fount holding one quart of oil; broad base prevents lantern being overturned. Burner is locked on fount so that oil cannot spill in case of accident.

Made of cold rolled steel and coated with grade "AZ" charcoal pure tin with roofing plate bottom. Volume of light by test 10 candle-power.

Patented steel burner.

Per dozen

No. 2 D-Lite—13½ in. high; No. 262 burner, 1 in. wick; D-Lite Loc-Nob globe; fount capacity 45 hrs.; wt. per doz. 11½ lbs. \$25.00

No. 2 D-Lite—With Ruby Globe, otherwise same as above; wt. per dozen 17½ lbs. 28.50

One-half dozen in a case.

HIGHWAY FLARE TORCHES

DIETZ

Built of steel to withstand the roughest usage. The all-weather steel burner is fitted with carrying loop automatic wick lock and adjustable rain shield. The flame burns perfectly with or without the rain shield.

Burns kerosene.



Spherical Shape Weighted Bottom, Red Enameled

Will right itself when knocked down or skidded from position by a passing vehicle.

Per dozen

No. 96—Height 7½ in., diam. 7¼ in., cap. 3 qts., burns 36 hours on one filling, ⅞ in. round wick; wt. per dozen 84 lbs. \$28.00

One-quarter dozen in a carton.

Hemispherical Shape, Flat Unweighted Bottom, Red Enameled

Per dozen

No. 80—Height 6 in., diameter 7¼ in., cap. 2½ qts., burns 30 hrs. on one filling, ⅞ in. round wick; wt. per dozen 32 lbs. \$19.00

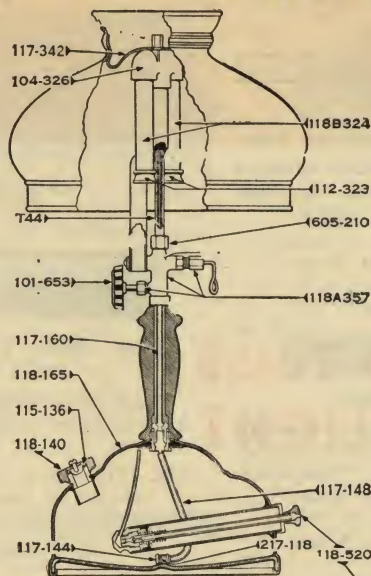
One-quarter dozen in a case.

Per dozen

Wicks—⅞x18 in. round wicks, for highway flare torches ... \$2.40

COLEMAN LAMP REPAIRS

INSTANT-LITE



For Nos. 117A and 118A Lamps

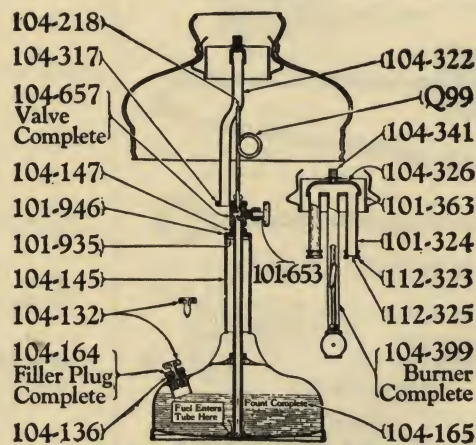
Nos.	Name of Part	Ea.
T22	Generator cleaning needle...	\$0.15
T44	Generator and cleaning needle (less jamb nut) (gas tip marked "V")....	.35
†101-522	Pump ...	.75
104-326	Mixing chamber .....	.48
112-323	Burner cap and screens ....	.15
*115-136	Filler plug gasket ....2 for	.06
117-148	Fuel wire complete (fuel tip marked "p")..	.54
117-160	Fuel tube .....	.60
†117-164	Filler plug complete .....	.60
†117-165	Fount complete	5.40
117-342	Shade holders .....	.30

Nos.	Name of Part	Each
*118-140	Filler plug complete	\$0.48
*118-165	Fount complete	6.30
118B218	Gas tip (marked "V")....	.06
118B324	Burner tube .....	.15
118A357	Gas tip cleaner and fuel valve complete, assembled	1.20
118A399	Roto-Type burner, generator and valve complete, assembled	3.45
*118-520	Pump plunger complete (less air stem)....	.60
216-509	Pump Leather .....	.2 for .09
*216-532	Air stem .....	.15
*216-538	Check valve .....	.15
217-118	Fuel tip (marked "P") .....	.06
605-210	Jamb nut .....	.03
605-950	Wrench .....	.15

* For lamps model No. 118A

† For lamp model No. 117A

QUICK-LITE



For Nos. C329 and C362 Lamps

Nos.	Name of Part	Each
Q99	Coil generator (Gas tip marked "Q") (104-299)...	\$0.35
101-324	Burner Tube .....	.15
101-363	Shade Holder .....	.30
101-522	Pump .....	.75
104-132	Filler plug air stem .....	.18
104-136	Filler plug gasket .....	.2 for .06
104-164	Filler plug complete .....	.60
104-165	Fount complete	4.80
104-218	Gas tip (marked "Q") .....	.06
104-322	Air intake tube .....	.36
104-326	Mixing chamber .....	.48
104-399	Burner, generator and valve comp. assembled....	3.00
104-657	Fuel valve complete .....	.75
104-905	Gas tip cleaning needle .....	.06
104-950	Wrench .....	.15
112-323	Burner cap and screens .....	.15
216-509	Pump leather .....	.2 for .09

THE NEW **Coleman** Kerosene MANTLE Lamp

**Two Mantles • •
300 Candle Power**

**4 TO 20 TIMES
MORE LIGHT
than any
Non-Pressure
Kerosene Lamp**

Here's the newest and finest in kerosene lamps . . . a Kerosene Mantle Lamp by Coleman! It's a pressure type lamp that gives more light . . . better light . . . longer, more dependable service, at a lower cost. Always plenty of light for every need about the home. It's the kind of light that protects the sight.

- 1--It's a "Live" Light---a pressure light---no sluggish, yellow, wick-type flame.
- 2--More Light, Better Light---up to 300 candle power brilliance.
- 3--Safe---Can't spill fuel if tipped over; can't be filled while lighted.
- 4--No Glass Fuel Fount to Break---Sturdily built of heavy gauge brass and metal for safety and long life.
- 5--Inexpensive Mantles---Coleman Quality mantles; cost only 5 cents to 8 cents each, in pairs.
- 6--Clean---No greasy wicks to trim. No sooty chimneys to wash.
- 7--No Crawling Flame---No flicker, always a steady, pure-white brilliance; no watching, no adjusting.
- 8--Economical---Plenty of eye-saving light for one cent a night; 50 hours of service per gallon of fuel. Burns 4% kerosene and 96% air.
- 9--Modern in Design---New Style and Beauty, new Indian Bronze finish and an unusually fine quality parchment shade.
- 10--Guaranteed---by Coleman, the pioneer maker of pressure lighting appliances.

Model No. 129 is equipped with the No. T44 long-service generator, which is operated by the rotary lever built-in the roto-type burner. Also uses gasoline for fuel, without any mechanical change. Has attractive, high-quality Parisienne Kid parchment shade with green, brown and gold decorations, which harmonize with the fount finished in Indian Bronze. Genuine Pyrex globe protects mantles.

Fuel capacity of fount, 2 pints, sufficient for 10 to 12



**Only a
PRESSURE
LAMP
gives you
ALL THE LIGHT
YOU NEED**

**MODEL
No. 129**

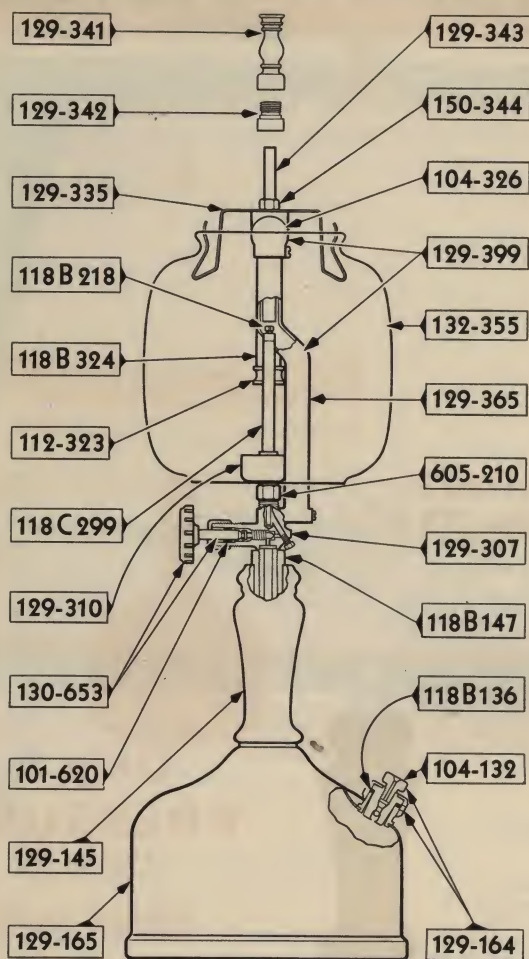
PATENT No. 1,973,184

hours of wonderful lighting service. Dimensions of shade: Diameter at bottom, 13 inches; height, 7 inches. Over-all height of lamp, 19½ inches. One lamp packed in carton, complete with shade, Pyrex globe, air pump and two double-strength, Silk-Lite mantles. Shipping weight, 7 pounds.

Retail Price \$6.75

**No. 363 Decorated Parchment Shade for No. 129
Lamp Retail Price 85c.**

Coleman KEROSENE MANTLE Lamp Repair Parts



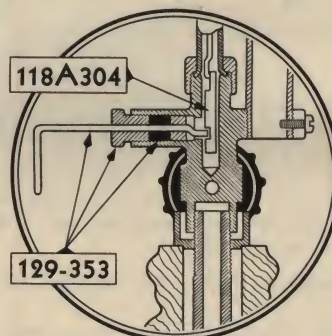
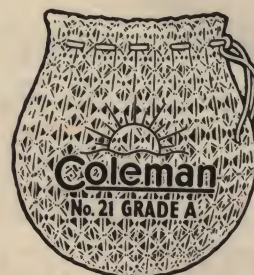
Coleman Silk-Lite Mantles

The new, heavy duty Coleman SILK-LITE Mantle sets a new Quality Standard in the mantle manufacturing industry. It's the latest Coleman achievement in producing a superior Grade "A" Mantle. Actual scientific tests prove that these new Coleman Silk-Like Mantles last 2 to 4 times longer than ordinary mantles and produce as much as twice the light. They give the longest, best and lowest cost service.

The Coleman Silk-Lite is made of the best grade rayon fiber. It has the NEW TRIPLE LOCK WEAVE. It is correct in size and shape, and is thoroughly saturated with the best grades of light-giving chemicals mixed in just the right proportions.

These, and other important factors, are all combined with scientific accuracy to produce a mantle that is far superior in quality, strength and durability and to provide you with a mantle that is most economical to buy.

Retail Price.....½ dozen \$0.45 Dozen \$0.90



Parts Assembly for
Gas Tip Cleaner
On Lamp No. 129



No. T44
Long
Service
Generator

This new, high efficiency generator has large carbon space which accommodates a wider range of fuels. Longer lasting, fewer changes, more economical to use, gives better and more dependable lighting service. Has cleaning needle which is operated by a rotary lever. Keeps gas tip clean. Tip cleaning needle can be operated even while lamp is in use.

Retail Price ea. \$0.35

Repair Parts List No. 129 Coleman Kerosene Mantle Lamp

Order by Number	NAME OF PART	Net Retail Price
T44	Generator and Cleaning Needle (Less Jamb Nut) (Gas Tip Marked "V") (118C299)	\$.35
101-620	Valve Stem Packing	.05
104-132	Filler Plug Air Stem	.18
104-326	Mixing Chamber	.48
112-323	Burner Cap and Screens	.15
112-325	Burner Cap Screen	.06
118A304	Eccentric Block	.06
118B136	Filler Plug Gasket	.06
118B147	Handle Lock Nut	.09
118B218	Gas Tip (Marked "V")	.06
118B324	Burner Tube	.15
129-145	Handle	.18
129-164	Filler Plug Complete	.60
129-165	Fount Complete	3.00
129-307	Valve Body	.60
129-310	Preheater Cup	.15
129-335	Shade Holder Clamps (Packed)	.30
129-341	Finale	.36
129-342	Finale Nut	.12
129-343	Shade Support Rod	.09
129-353	Tip Cleaner Stem Complete	.24
129-365	Air Intake Tube	.45
129-399	Burner Complete	2.70
130-653	Valve Stem Complete	.30
132-355	(No. 355) Pyrex Glass Globe	.90
150-344	Shade Support Rod Nut	.03
216-509	Pump Leather	.09
242K910	Filling Can Complete	.45
410-585	Pump	.45
605-210	Jamb Nut	.03

When ordering repair parts or writing about this lamp, refer to "Model 129".



No. 355
Globe

No. 355 Pyrex Glass Globe for use on all 1935 Model Coleman Lamps; protects mantles from damage by flying insects. The Genuine Pyrex Glass Globes are used exclusively on Coleman Lamps and Lanterns.

Retail Price ea. \$0.90

Coleman GASOLINE PRESSURE LAMPS

300 Candle Power of "Live" Pressure Light. Clear, steady-shining brilliance that protects the sight; enough for every need about the home. Nearest like natural daylight.

Low Cost Operation. Make and burn their own gas from any good grade of clean gasoline. Burn 4% gas to 96% air. Only a pressure type lamp gives so much light for so little cost.



Long-Service Generators... have more carbon space, fewer changes, more economical.

Safe. Fuel founts made of brass and steel... no glass to break ... can't be filled while lighted ... can't spill fuel if tipped over.

Genuine Pyrex Glass Globes ... an exclusive Coleman feature ... protect mantles.

MODEL No. 132A

Instant Lighting

Here's a Coleman Lamp that presents the finest in style, beauty and improved lighting service. It is just the lamp for those who want something "extra" in appearance, along with plenty of the best in eye-protecting light. High quality Parisienne Kid Parchment Shade is decorated in red, black and gold. Inner Pyrex Glass Globe protects mantles. Embossed

fount has built-in pump and attractively finished in two-tone Indian Bronze.

Equipped with new, long-service, No. T44 generator with tip cleaning needle, operated by a rotary lever built-in in the roto-type burner. Large size generator insures longer and better lighting service and greater economy; accommodates a wider range of fuel. Fuel capacity of fount, 3 pints, sufficient for 15 to 18 hours of 300 candle power, eye-saving radiance. Dimensions of shade: Diameter at bottom, 15 inches; height 8½ inches. Over-all height of lamp 19½ inches.

One lamp packed in carton, complete with shade, inner Pyrex globe; and two Coleman double-strength, Silk-Lite mantles. Shipping weight, 11 lbs.

Retail Price \$7.95



MODEL No. 133

Instant Lighting

This is an attractive, popular little model that provides a world of pure-white light that makes the home bright and saves eye sight. It lights instantly with the touch of a match. Its Parisienne Kid Parchment Shade is attractively decorated in gold and reddish bronze to harmonize with the fount, which is finished in two-tone Indian Bronze. Has inner Pyrex glass globe to protect mantles.

Has the new No. T44 long-service generator with tip cleaning needle, which is operated by a rotary lever built-in the roto-type burner. This generator provides longer and better lighting service with fewer changes; economical to use. Fuel capacity of fount, 2 pints, sufficient for 10 to 12 hours of clear, 300 candle power brilliance. Diameter of shade at bottom, 13 inches; height of shade 7 inches. Over-all height of lamp 19½ inches.

One lamp packed in carton, complete with Pyrex globe, shade, pump, two double-strength Coleman Silk-Lite mantles. Shipping weight, 8 lbs.

Retail Price \$6.90

MODEL No. 134P . . Match Lighting

Here's a genuine Coleman lamp priced within the reach of everybody. It is match-generating, of the famous Quick-Lite type. Produces full 300 candle power brilliance of clear, steady, pure-white light. Good looking, too,

with its high quality Parisienne Kid Parchment Shade, attractively decorated in silver and black to match its handsome Silvertone finished fount. Inner Globe of genuine Pyrex protects mantles. Has Roto-Type Burner and No. T44 long-service generator, to assure continuous and dependable lighting service at remarkably low cost. Fuel capacity, 2 pints, enough for 10 to 12 hours of soft, mellow, eye-protecting light. Diameter of shade at bottom, 13 inches; height of shade, 7 inches. Over-all height of lamp 19 inches.



No. 134P Lamp (complete) packed in carton with Parchment shade, Pyrex Globe, Pump and two double-strength Coleman Silk-Lite Mantles. Shipping weight 7 pounds.

Retail Price \$5.70

No. 134 Lamp only less shade and globe, furnished with Pump and two double-strength Coleman Silk-Lite Mantles.

Retail Price \$3.95

SHADES AND GLOBES

Shades for the 1935 Models of Coleman Lamps are of an unusually high quality. The material of which they are made is known as Parisienne Kid Parchment. They are decorated to harmonize with the beautiful two-tone finishes of the lamps . . . give a soft, eye-comforting glow to the radiance of the Coleman Lamp.

No. 362, Shade for No. 132A Lamp, 15 inches in diameter. Retail Price, each . . \$1.00

No. 364, Shade for No. 133 Lamp, 13 inches in diameter. Retail Price, each . . 85c.

No. 361, Shade for No. 134P Lamp, 13 inches in diameter. Retail Price, each . . 85c.

No. 355 Pyrex Glass Globe for use on all 1935 Model Lamps; protects mantles from damage by flying insects. The Genuine Pyrex Glass Globes are used exclusively on Coleman Lamps and Lanterns.

No. 355 Pyrex Glass Globe Retail Price, each 90c.



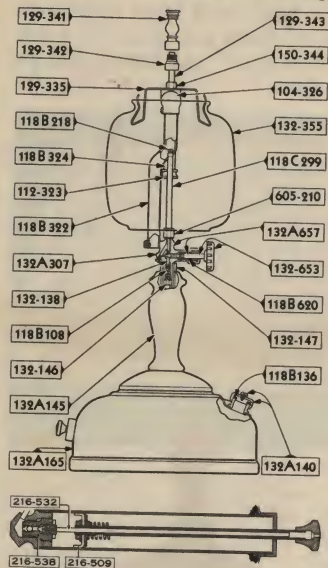
SHADE No. 361



GLOBE No. 355

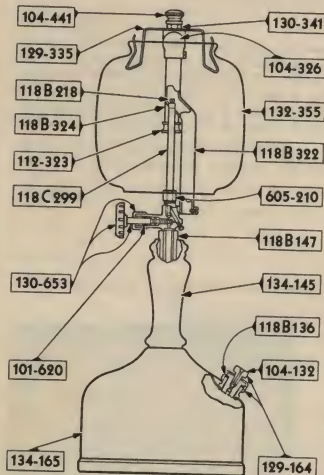
Coleman Lamp Repair Parts

Parts for No. 132A Lamp

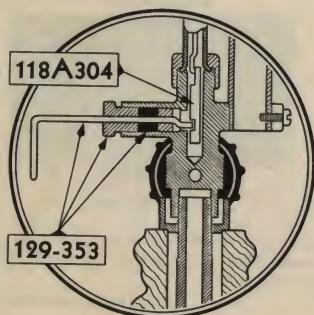


Pump Parts Illustration

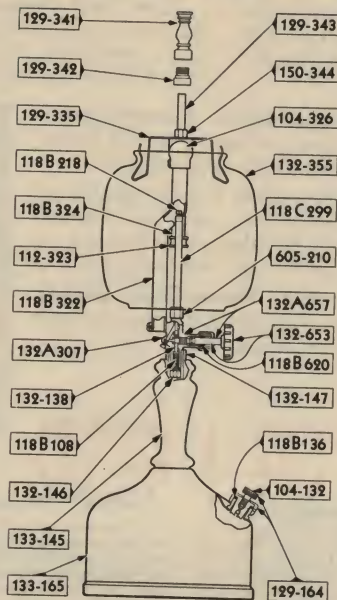
Parts for No. 134P Lamp



Parts Assembly for Gas Tip Cleaner for Lamp Nos. 132A, 133, 134P

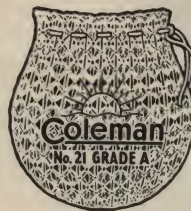


Parts for No. 133 Lamp



Coleman Silk-Lite Mantles

New Grade "A," high quality mantle—made of especially treated Rayon fibre—Triple lock weave. Exceptionally sturdy, greater flexibility, last longer, gives more and better light—the most economical mantle to use.



Retail price...½ doz. \$0.45; doz. \$0.90

No. T44 Long Service Generator



This new, high efficiency generator has large carbon space which accommodates a wider range of fuels. Longer lasting, more economical to use, gives better and more dependable lighting service. Has cleaning needle which is operated by a rotary-lever. Keeps gas tip clean. Tip cleaning needle can be operated even while lamp is in use.

Retail Price ea. \$0.35

Parts Lists for Lamps Nos. 132A, 133, 134P

Part No.	NAME OF PART	Net Retail Price
T44	Generator and Cleaning Needle (Less Jamb Nut) (Gas Tip Marked "V") (118C299)	\$0.35
101 - 620	Valve Stem Packing	2 for .06
104 - 132	Filler Plug Air Stem	.18
104 - 326	Mixing Chamber	.48
104 - 441	Ball Nut	.18
112 - 323	Burner Cap and Screens	.15
112 - 325	Burner Cap Screen	2 for .06
118A 304	Eccentric Block	.06
118B 108	Fuel Tip Cleaning Needle Spring	.03
118B 136	Filler Plug Gasket	2 for .06
118B 147	Handle Lock Nut	.09
118B 218	Gas Tip (Marked "V")	.06
118B 322	Air Intake Tube	.36
118B 324	Burner Tube	.15
118B 620	Valve Stem Packing	.03
129 - 164	Filler Plug Complete	.60
129 - 335	Shade Holder Clamps (Packed)	.30
129 - 341	Finale	.36
129 - 342	Finale Nut	.12
129 - 343	Shade Support Rod	.09
129 - 353	Tip Cleaner Stem Complete	.24
130 - 341	Screw	.09
130 - 653	Valve Stem Complete	.30
132 - 138	Fuel Tip Needle and Head	.06
132 - 146	Fuel and Air Wire (Fuel Tip Marked "S")	.30
132 - 147	Handle Lock Nut	.09
132 - 148	Fuel and Air Wire (With Fuel Tip and Fuel Needle) (Fuel Tip Marked "S")	.60
132 - 355	(No. 355) Pyrex Glass Globe	.90
132 - 520	Pump Plunger Complete (Less Air Stem)	.60
132 - 653	Valve Stem Complete	.45
132A 140	Filler Plug Complete	.48
132A 145	Handle	.18
132A 165	Fount Complete	6.00
132A 307	Valve Body	.60
132A 399	Burner Complete	3.00
132A 657	Fuel Valve Complete (Fuel Tip Marked "S")	1.20
133 - 145	Handle	.18
133 - 165	Fount Complete	3.00
134 - 145	Handle	.18
134 - 165	Fount Complete	3.00
134 - 399	Burner Complete	2.70
150 - 344	Shade Support Rod Nut	.03
216 - 509	Pump Leather	2 for .09
216 - 532	Air Stem	.15
216 - 538	Check Valve	.15
410 - 585	Pump	.45
605 - 210	Jamb Nut	.03

Filter Funnel



Removes dirt, water and other impurities from fuel used in pressure-gas lamps, lanterns, stoves, heaters, etc. Copper plated, non-corrosive. Equipped with a fine brass wire strainer and special filtering fabric.

No. 0, diameter 2½", for lamps and lanterns. Shipping wt., singles 5 ozs.; half dozen, 1 pound.

Retail price ea. \$0.45

No. 1, diameter 5" for heaters and stoves. Shipping wt., singles, 9 ozs.; half dozen, 4½ pounds.

Retail price ea. \$0.90

Always use a good grade of fresh, clean gasoline free of anti-knock compounds.

THE NEW Coleman KEROSENE MANTLE Lanterns

"The Lights of a Thousand Uses"

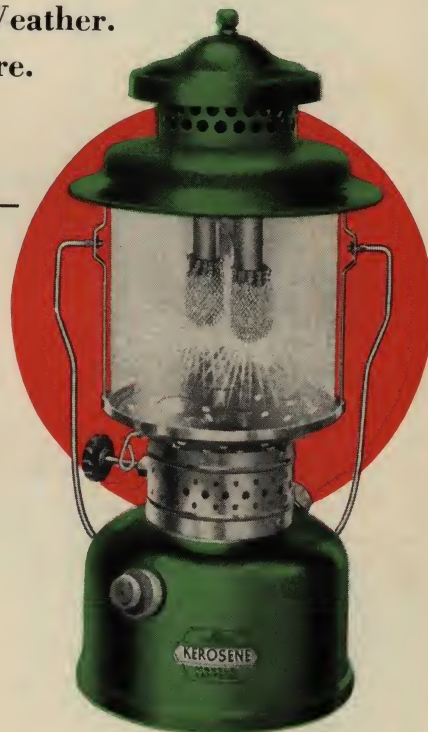
- Produce Up to 300 Candlepower of "Live" Pressure Light.
- Just the Light for Any Night—in Any Kind of Weather.
- Genuine Pyrex Glass Globe, an Exclusive Feature.
- Wind-Proof—Rain-Proof—Insect-Proof.
- Burn 96% Air and Only 4% Kerosene.
- Sturdily Built for Long, Dependable Service —

Model No. 235 —Here is the new high candlepower Coleman Kerosene Mantle Lantern, a worthy companion to the famous Coleman Gasoline Lanterns. This big, new 2-mantle model burns only 4% Kerosene and 96% air. It produces up to 300 candlepower "live" pressure brilliance—plenty of light for any job, any night, in any kind of weather.

Has T44 Generator for better and longer lighting service. Rotary lever operates generator tip cleaning needle. Genuine Pyrex glass globe an exclusive feature; protects mantle; makes lantern insect-proof, wind-proof, rain-proof. Hand-operated Filler Plug and built-in Pump. Fount is finished in green lacquer; holds 2 pints of fuel, enough for 10 to 12 hours lighting service. Gasoline may also be used as fuel if desired. Ventilator Top of green porcelain enamel finish is 5¾-in. in diameter. Over-all height of lantern, 14½-in.

Packed one in carton, complete with Pyrex Globe, two Coleman Silk-Lite Mantles, wrench. Shipping weight, 6 pounds.
U. S. Retail Price.....

\$7.45



Model No. 235



Model No. 234

Model No. 234 —The handiest and best small lantern on the market! Burns kerosene; one-mantle type, produces up to 175 candlepower of brilliant "live" pressure light. If desired, gasoline may also be used as fuel. A popular lantern for sportsmen—for hunting, fishing, touring, camping, etc. Also a fine light for general use on farms, around docks, warehouses, packing sheds, etc. Has T66 Generator. Rotary lever operates gas tip cleaning needle.

The globe is of genuine Pyrex heat-resisting glass—protects mantle against insects, wind, rain, and snow. Fount, finished in green lacquer, holds 1⅓ pints of fuel. Ventilator Top, 4¾-in. in diameter, is finished in green porcelain enamel. Over-all height of lantern, 11½-in.

Packed one in carton, complete with Globe, one Coleman Silk-Lite Mantle with triple-lock weave. Shipping weight, 4 pounds.

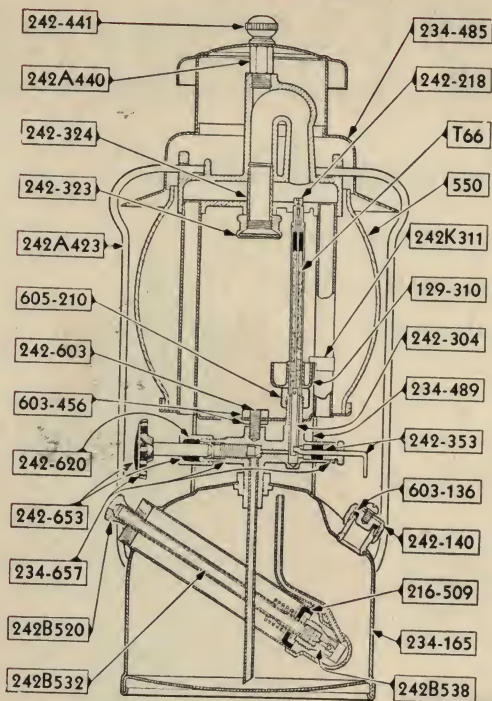
U. S. Retail Price.....

\$5.95

Burn Kerosene or Gasoline Fuel

COLEMAN KEROSENE LANTERN REPAIR PARTS

MODEL No. 234



Order by Number	Name of Part	Net Retail Price
T66	Generator (Gas Tip Marked "6") (242A299)	\$.40
550	Pyrex Glass Globe (Bulged Type)	.75
129 - 310	Preheater Cup	.15
216 - 509	Pump Leather	2 for .09
234 - 165	Fount complete	3.00
234 - 485	Ventilator	.75
234 - 489	Globe Base Rest	.15
234 - 657	Valve Complete	1.50
242 - 140	Filler Plug complete	.30
242 - 218	Gas Tip (Marked "6")	.06
242 - 304	Eccentric Block	.06
242 - 323	Burner Cap and Screen	.30
242 - 324	Burner Tube	.15
242 - 353	Tip Cleaner Stem complete	.15
242 - 441	Ventilator Ball Nut	.06
242 - 603	Frame to Valve Connection Stud	.06
242 - 620	Valve Stem Packing	.03
242 - 653	Valve Stem complete	.30
242A370	Frame and Burner complete	1.50
242A423	Bail	.15
242A440	Ventilator Rod	.09
242B520	Pump Plunger complete (Less Air Stem)	.45
242B532	Air Stem	.15
242B538	Check Valve	.15
242K311	Spring Clip	.09
242K910	Filling Can complete	.30
603 - 136	Filler Plug Gasket	2 for .06
603 - 456	Hexagon Brass Nut (1/4"-18)	2 for .06
605 - 210	Jamb Nut	.03
605 - 950	Wrench	.15



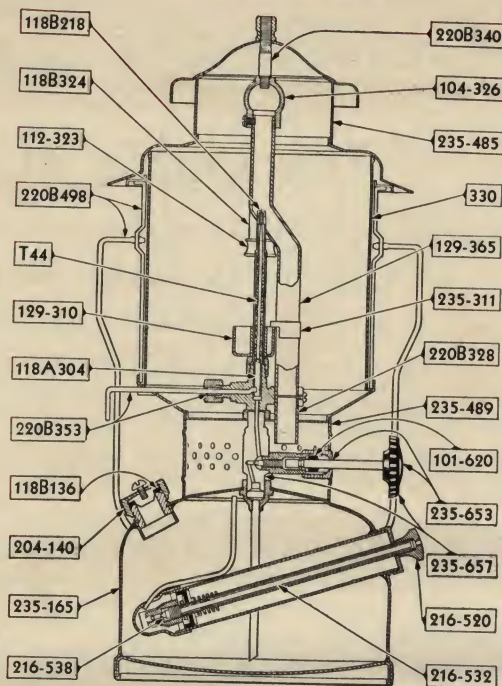
Coleman Filter Funnel

Removes dirt, water and other impurities from fuel. Copper plated, non-corrosive. Equipped with a fine brass wire strainer and special filtering fabric.

No. 0, diameter 2 1/2 inches, for lamps, lanterns and irons.

Each **45c**

MODEL No. 235



Order by Number	Name of Part	Net Retail Price
T44	Generator & Cleaning Needle (Less Jamb Nut) (Gas Tip Marked "V") (118C299)	\$.40
330	Pyrex Glass Globe (690-048)	.90
101 - 620	Valve Stem Packing	2 for .06
104 - 326	Mixing Chamber	.48
112 - 323	Burner Cap & Screens	.15
112 - 325	Burner Cap Screen	2 for .06
118A304	Eccentric Block	.06
118B136	Filler Plug Gasket	2 for .06
118B218	Gas Tip (Marked "V")	.06
118B324	Burner Tube	.15
129 - 310	Preheater Cup	.15
129 - 365	Air Intake Tube	.45
204 - 140	Filler Plug Complete	.09
216 - 509	Pump Leather	2 for .09
216 - 520	Pump Plunger Complete (Less Air Stem)	.60
216 - 532	Air Stem	.15
216 - 538	Check Valve	.15
220B328	Air Intake Tube Extension	.09
220B340	Ventilator Rod	.06
220B353	Tip Cleaner Stem Packed	.36
220B498	Frame & Bail	.90
220B950	Wrench	.15
223 - 910	Filling Can Complete	.30
235 - 165	Fount Complete	3.00
235 - 311	Spring Clip	.06
235 - 485	Ventilator	1.50
235 - 489	Globe Base Rest	.15
235 - 653	Valve Stem Complete	.30
235 - 657	Valve Complete	.75

PYREX GLASS GLOBES

An Exclusive Coleman Feature



No. 330—Pyrex heat-resisting, clear glass globe. For use on Gasoline Lanterns Nos. 220B and 228B and Kerosene Lantern No. 235. Height 5 1/4". Diameter, 4 7/8". Packed 1 in a carton. Shipping weight, 1 lb. Packed 6 in a carton. Shipping weight, 6 lbs.

Retail Price **\$1.00**

No. 550—Pyrex Brand Globe, (Bulge Type). Same quality as No. 330. For use on Gasoline Lanterns Nos. 242A and 242 and Kerosene Lantern No. 234. Height, 4 1/4". Diameter at top and bottom, 3 1/2". Diameter in middle, 4 1/2". Packed 1 in a carton. Shipping weight, 14 oz. Packed 6 in a carton. Shipping weight, 4 pounds.

Retail Price **\$0.75**



Coleman Lanterns

SUPPLY THE LIGHT FOR EVERY OUTDOOR NEED AT NIGHT

300 CANDLE POWER---Clear, steady-shining, dark-chasing brilliance for any lighting job at night. Not affected by wind, rain or storm.

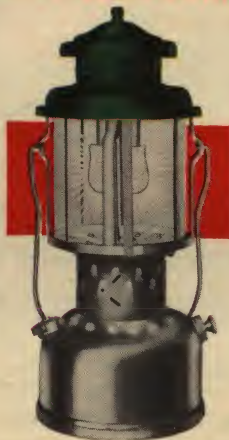
LOW COST OPERATION---Make and burn their

OVERSIZE GENERATORS---have more carbon space, last longer, fewer changes, more economical. Regular equipment as specified.

GENUINE PYREX GLASS GLOBES---an exclusive Coleman feature. Regular equipment as specified.

SAFE---durably made of brass and steel---can't be filled while lighted, can't spill fuel even if tipped over.

own gas from any good grade of clean gasoline free of anti-knock compounds. Burn 4% gas to 96% air. Give more than 40 hours of dependable lighting service per gallon of fuel.



Model No. 220B
Lights Instantly

A fine, big, powerful lantern that is always ready for every outdoor need regardless of weather. It's just the lantern for those who want the best. Produces 300 candlepower of wonderful far-reaching light. Roto-type Burner has built-in rotary lever which operates generator tip cleaning needle. Oversize generator gives longer and better lighting service. Genuine Pyrex glass globe. Fount is equipped with hand-operated filler plug and built-in pump. Diameter, 6 inches; fuel capacity, 2 pints, enough for 12 to 15 hours continuous service. Ventilator Top is 5 3/4 inches in diameter and porcelain enameled in green. Over-all height, 14 1/2 inches. One in carton complete with globe, two Coleman double-strength mantles and wrenches. Shipping weight, 6 lbs.

Retail Price.....\$7.45

Model No. L427
Match Generating



This Quick-Lite Lantern for years has set the standard of quality, construction and dependable lighting service; always ready for use. Has regular Quick-Lite Burner, generates with two matches. Equipped with hand-operated filler plug; built-in pump. Fount is nickel plated; holds two pints of fuel. Has 5 1/4 inch top porcelain enameled in green. Mica Globe. Over-all height, 14 inches; fount diameter, 6 inches.

One in carton complete with mica globe, two Coleman double-strength mantles, Q99 generator, cleaning pick wrench. Shipping weight, 6 lbs.

Retail Price.....\$6.45



Model No. 242A
Lights Instantly

Model 242A has new, heat-resisting, bulge-type, genuine Pyrex glass globe; porcelain ventilator top. Single mantle type, produces up to 175 candlepower of pure, white, steady shining radiance. Oversize generator gives longer and better lighting service.

Has Roto-Type Burner. Equipped with built-in pump; hand-operated filler plug. Nickel-plated fount, capacity 1 1/2 pints... enough for 7 to 9 hours' service. Height, 11 1/2 inches. Diameter of top, 4 3/4 inches; diameter of fount, 5 inches. Packed one in carton complete with globe, one Coleman Silk-Lite mantle. Shipping weight, 4 1/4 lbs.

Retail Price.....\$5.95

Model No. 243

Here's a new low-priced, single mantle lantern---a worthy companion to the Model No. 242A. Lights instantly. Mica chimney. Blue enamel fuel fount and one piece blue porcelain canopy top. Has long lasting roto-type generator No. T66. Fount equipped with hand operated filler plug and built-in pump. Fount diameter, 5 inches; fuel capacity, 1 1/2 pints---enough for 7 to 9 hours' service.

Over-all height, 11 1/2 inches. Packed one in a carton complete with chimney, one Coleman Silk-Lite mantle. Shipping weight, 4 1/4 lbs.

Retail Price.....\$4.45



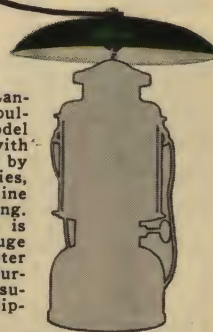
Model No. 228B
Lights Instantly

This is the same Lantern as No. 220B but has large 8 3/4 inch Ventilator Top porcelain enameled in green, with under side in white to throw light downward. Especially suited for use in barns, warehouses, work shops, or any place where it is desired to have more concentrated light. Produces up to 300 candlepower brilliance. Nickel plated fount has two-pint fuel capacity, enough for 12 to 15 hours service. Genuine Pyrex glass globe protects mantles from wind, rain and flying insects. Sturdy Roto-type Burner with built-in rotary lever which operates generator tip cleaning needle; can be operated even when lantern is in use. One in carton complete with globe, two Coleman double-strength mantles and wrenches. Shipping weight, 7 1/4 lbs.

Retail Price.....\$7.95

Handy Wall Hanger and Shield for Coleman Lanterns

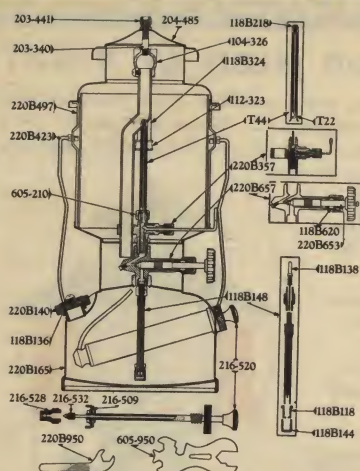
Portable---slots in iron bar fit over nail or screw heads, easily lifts off---may be used anywhere.



For use with Coleman Lanterns in barns, dairies, poultry houses, garages, etc. Model L427 Lantern equipped with shield and hanger is listed by Underwriters' Laboratories, File G521---the only gasoline lantern given such a listing. Porcelain enameled shield is durably made of heavy gauge metal, 11 inches in diameter and two inches high. Furnished with iron channel insulator and bracket strap. Shipping weight, 3 1/2 lbs.

No. 204-480 Shield and Hanger complete.
Retail Price.....\$1.80

Coleman Lantern Repair Parts



No. 220B

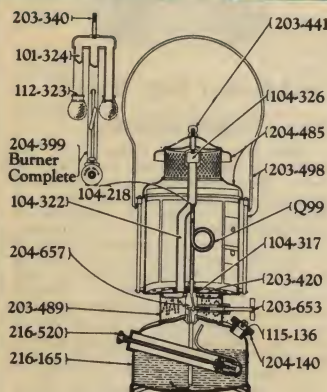
220 B423—Bail	\$0.15
605 - 210—Jamb Nut	.03
605 - 950—Wrench	.15

Nos. 220B and 228B, Instant-Lite Lanterns

Parts No.	NAME OF PART	Net Retail Price
T22	Generator Cleaning Needle (118B238)	\$.15
T44	Generator and Gas Tip Cleaning Needle (Less Jamb Nut) (Gas Tip Marked "V") (118B299)	.40
104 - 326	Mixing Chamber	.48
112 - 323	Burner Cap and Screens	.15
118 B118	Fuel Tip (Marked "AB")	.06
118 B136	Filler Plug Gasket	.06
118 B138	Fuel Tip Cleaning Needle	2 for .15
118 B144	Fuel Tip Protector and Screen	.15
118 B148	Fuel and Air Wire Complete (Fuel Tip Marked "AB")	.75
118 B218	Gas Tip (Marked "V")	.06
118 B324	Burner Tube	.15
118 B620	Valve Stem Packing	.03
203 - 340	Ventilator Rod	.06
203 - 441	Ventilator Ball Nut	.06
*204 - 485	Ventilator (Porcelain—5¼ inch Base)	1.50
216 - 509	Pump Leather	2 for .09
216 - 520	Pump Plunger Complete (Less Air Stem)	.60
216 - 532	Air Stem	.15
216 - 538	Check Valve	.15
220 B140	Filler Plug Complete	.48
220 B165	Fount Complete	4.50
220 B357	Gas Tip Cleaner Complete, Assembled	.75
*220 B423	Bail	.15
220 B429	Globe Base Rest	.15
220 B497	Frame	.75
220 B653	Valve Stem Complete	.60
220 B657	Fuel Valve Complete	1.50
220 B950	Wrench (Small)	.15
†227 - 480	Ventilator (Porcelain—8¾ inch Base)	1.95

*For Lantern Model No. 220B.

†For Lantern Model No. 228B.



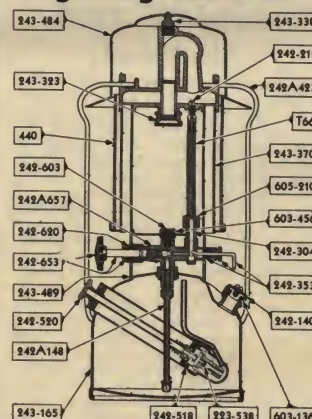
No. L427

Q99—Coil Generator (Gas Tip Marked "Q") (104-299) \$.35

No. L427, Quick-Lite Lantern

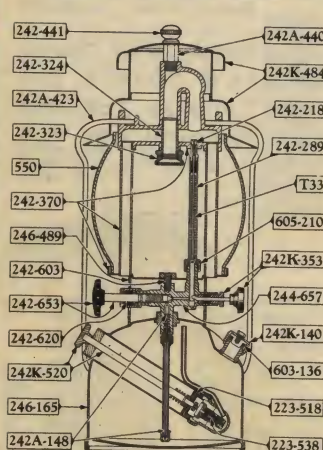
Parts No.	NAME OF PART	Net Retail Price
101-324	Burner Tube	.15
104-218	Gas Tip (Marked "Q")	.06
104-317	Burner Support Coupling	.18
104-322	Air Intake Tube	.36
104-326	Mixing Chamber	.48
112-323	Burner Cap and Screens	.15
115-136	Filler Plug Gasket	2 for .06
203-340	Ventilator Rod	.06
203-441	Ventilator Ball Nut	.06
203-498	Frame and Bail	.90
203-653	Valve Stem Complete	.30
204-140	Filler Plug Complete	.48
204-399	Burner Generator and Valve Complete Assm.	2.70
204-485	Ventilator (Porcelain—5¼ inch Base)	1.50
204-657	Fuel Valve Complete	.75
216-165	Fount Complete	4.20
216-509	Pump Leather	2 for .09
216-520	Pump Plunger Complete (Less Air Stem)	.60
216-532	Air Stem	.15
216-538	Check Valve	.15
605-950	Wrench	.15

No. 243, Instant-Lighting Lantern



Parts No.	NAME OF PART	Net Retail Price
T66	Generator (Gas Tip Marked "6") (242A299)	\$.40
440	Mica Globe	.50
223 - 538	Pump Check Valve	.30
242 - 140	Filler Plug Complete	.30
242 - 218	Gas Tip (Marked "6")	.06
242 - 304	Tip Cleaner Eccentric Block	.06
242 - 353	Tip Cleaner Stem Complete	.15
242 - 518	Pump Leather Assembly	.15
242 - 520	Pump Plunger Complete	.45
242 - 603	Frame to Valve Connection Stud	.06
242 - 620	Valve Stem Packing	.03
242 - 653	Valve Stem Complete	.30
242A 148	Fuel and Air Wire Complete (Fuel Tip Marked "L")	.30
242A 423	Bail	.15
242A 657	Fuel Valve Complete	1.80
243 - 165	Fount Complete	2.40
243 - 323	Burner Tube, Cap and Screen	.30
243 - 338	Ventilator Pin	.06
243 - 370	Burner Complete	1.50
243 - 484	Ventilator	.75
243 - 489	Globe Base Rest	.15
603 - 136	Filler Plug Gasket 2 for	.06
603 - 456	Hexagon Brass Nut (¼"-18)	.03
605 - 210	Jamb Nut	.03

Nos. 242A and 242, Instant-Lite Lanterns



No. 242A

T33—Generator Cleaning Needle (242-238) \$.15
T66—Generator (Gas Tip Marked "6") (242-299) .40

Parts No.	NAME OF PART	Net Retail Price
*117 - 144	Tip Protector and Screen	\$.15
223 - 538	Pump Check Valve	.30
*242 - 118	Fuel Tip (Marked "5")	.06
242 - 140	Filler Plug Complete	.30
242A 149	Fuel & Air Wire Complete (Fuel Tip Marked "L")	.30
242 - 165	Fount Complete	3.00
242 - 218	Gas Tip (Marked "6")	.06
242 - 304	Tip Cleaner Eccentric Block	.06
242 - 323	Burner Cap and Screen	.15
242 - 324	Burner Tube	.15
242 - 353	Tip Cleaner Stem Complete	.15
*242 - 370	Frame and Burner Complete	1.50
†242A 370	Frame and Burner Complete	1.50
*242 - 423	Bail	.15
†242A 423	Bail	.15
†242A 440	Ventilator Rod	.09
†242 - 441	Ventilator Ball Nut	.06
†242 - 484	Ventilator	.75
*242 - 485	Ventilator	.75
242A 489	Globe Base Rest	.15
242 - 518	Pump Leather Assembly	.15
242 - 520	Pump Plunger Complete	.45
242 - 603	Frame to Valve Connecting Stud	.06
242 - 607	Valve Body	.60
242 - 620	Valve Stem Packing	.03
242 - 653	Valve Stem Complete	.30
242A 657	Valve Complete	1.80
603 - 136	Filler Plug Gasket	2 for .03
603 - 456	Hexagon Brass Nut (¼"-18)	.03
605 - 210	Jamb Nut	.03

*For No. 242.

†For No. 242A.

NEW Coleman RAYON SILK-LITE MANTLES

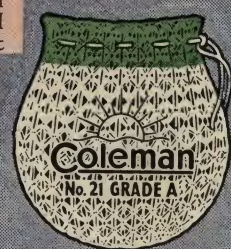
MADE STRONGER • LAST LONGER • GIVE BETTER LIGHT

TRIPLE LOCK STITCH—HEAVY DUTY TYPE

The new, heavy duty Coleman SILK-LITE Mantle sets a new Quality Standard in the mantle manufacturing industry. It's the latest Coleman achievement in producing a superior Grade "A" Mantle. Actual scientific tests prove that these new Coleman Silk-Lite Mantles last 2 to 4 times longer than ordinary mantles and produce as much as twice the light. They give the longest, best and lowest cost service:

Here are its more important special features which make it the most economical mantle to use on gasoline pressure lamps and lanterns.

1. Made of Highest Quality Rayon Fiber.
2. New Triple Lock Weave gives greater strength so that mantle lasts longer.



3. Best Grade of Chemicals in Correct Proportions produce maximum light; give mantle greater strength.
4. Correct Size so that all combustion takes place inside of mantle to produce the most light.
5. Correct Shape so that all of mantle area comes in contact with flame to produce greatest incandescence.
6. Correct Mesh of Weave permits sufficient air for perfect combustion inside mantle for greater lighting efficiency.

No. 21 Junior Silk-Lite Mantles are packed in gross size counter display cartons printed in black, red and green.

U. S. Retail Price—Per ½ Doz....45c Per Doz....90c

Why COLEMAN MANTLES ARE BETTER

1. Scientifically correct in size, shape and weave to produce full brilliance.
2. Reinforced across bottoms where pressure is strongest.
3. No side seams to split or reduce brilliance.
4. Saturated with highest quality, light-giving chemicals.
5. Denitrated, moisture-proof—will not deteriorate.
6. Always uniform quality insures full candlepower light.

IT PAYS TO SELL HIGH GRADE MANTLES

It is a wise policy to sell High Grade Coleman Mantles, because:

1. They are more profitable. The best grade mantles retailing 2 for 15c, carry a margin that is impossible in a cheaper mantle.
2. They give the longest, best and lowest cost service; make satisfied customers—bring repeat business.

Coleman STANDARD COTTON MANTLES



These Coleman Standard Mantles, made of high-grade, long-fibre Cotton thread, are the original, genuine, high power Coleman Mantles. For more than 20 years they have been the leaders in every market of the world. They are saturated with the best of light-giving chemicals. Their size, shape and texture are just right for producing the wonderful brilliance which has made the Coleman Lamp so famous. They are reinforced for durability and denitrated (made moisture-proof) to eliminate deterioration in stock.

No. 41 Junior Standard Cotton Mantles come packed in gross size counter display containers printed in orange and purple.

U. S. Retail Price—Per ½ Doz....45c Per Doz....90c



RAYTEX RAYON MANTLES

The new No. 31 Raytex Junior Mantle is a good quality mantle made of rayon fibre. Has durable construction: strong single weave of proper mesh, cross sewed across bottom, correct in size and shape. While No. 31 RAYTEX is not equal to other Coleman high quality mantles it will stand a higher test than some mantles sold in competition with Coleman No. 21 and No. 41 Juniors. It must necessarily be sold at a shorter profit so it is recommended that distributors offer it, but point out to purchasers the advantages of using high grade Coleman Mantles.

No. 31 RAYTEX Mantles come packed in gross size counter display containers printed in black and orange.

U. S. Retail Price—Per ½ Doz....30c Per Doz....60c



Accessories and Supplies for Coleman Lamps and Lanterns

FILTERING FUNNELS

(Schuyler Patent)



Removes dirt, water and other impurities from fuel used in pressure gas lamps, lanterns, stoves, heaters, etc. Copper-plated, non-corrosive.

Equipped with a fine brass-wire strainer and special filtering fabric.

U. S. Retail Prices:

- No. 0 for Lamps and Lanterns, each.....45c
 No. 1, for Heaters and Stoves, each.....90c
 Extra Pads for No. 0, each.....15c
 Extra Pads for No. 1, each.....36c

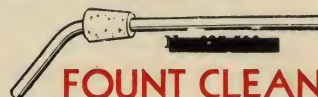
Sizes:

- No. 0—2½-inch diameter.
 No. 1 — 5-inch diameter.

SUCTION PUMP

No. 627-590. The Coleman Suction Pump (shown at right). Removes dirty fuel from founts of lamps and lanterns, without built-in pumps, and from one gallon tanks on Stoves and Heaters. Consists of barrel and plunger of regular Coleman hand air-pump with 8-inch brass tube attached.

U. S. Retail Price, each.....\$1.35

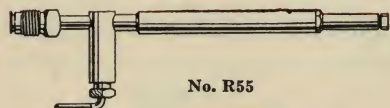


FOUNT CLEANING TUBE

No. 199-910. Cleaning Tube is handy for cleaning out dirty fuel from founts of lamps and lanterns with built-in pumps. Fits readily in filler-opening when plug is removed. A few strokes of pump then ejects dirty fuel and sediment.

U. S. Retail Price, each.....15c

COLEMAN LAMP AND LANTERN GENERATORS



No. R55

R-55 Rotary

The Jumbo-size generator that insures dependable lighting service. Special inside construction retards carbon formation. Lasts 3 to 5 times longer than ordinary generators. Built-in rotary lever operates tip cleaning needle. Fits all Coleman Quick-Lite Lamps and Lanterns and Instant-Lite Lamp Nos. 117, 118, 119, 132P, and Instant-Lite Lanterns 220 and 228.

Retail Price each.....50c

Nos. R55 & T44 Accommodate More Different Grades of Fuel Fewer Generator Changes Greater Economy

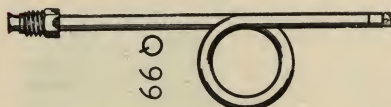


No. T44

T44 Roto-Type with Cleaning Needle

An over-size generator that gives long service. Has more space for carbonization. Equipped with gas tip cleaning needle operated by a rotary lever which is built in the burner. High grade materials and dependable construction insure long life. Fits Coleman Instant-Lite Lamp Nos. 117A, 118A, 119A, and Instant-Lite Lanterns Nos. 220B and 228B.

Retail Price each.....35c



Q99

No. Q99 Coil Generator is standard equipment on all models of Quick-Lite Lamps and Lanterns except Nos. 130G, 130P and 131P. Has a high efficiency, stays hot, does not carbonize in any one spot. Recommended type for use on all Quick-Lite Models. U. S. Retail Price.....35c



No. Q77

No. Q77 Straight Generator. Standard equipment for Instant-Lite Lamp Models 117, 118, 119, and Lanterns 220 and 228. A high quality, popular priced generator especially useful where low grade fuels make frequent replacements necessary. U. S. Retail Price.....20c



No. T66

No. T66 Roto-Cleaning Generator. A Roto-Type Generator of genuine Coleman quality and service for use only on the Nos. 242 and 242A Coleman Instant-Lighting Lantern. Has automatic cleaning needle operated by a rotary lever. U. S. Retail Price.....35c

PYREX and MICA GLOBES



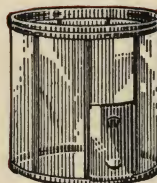
No. 330—Made of genuine heat resisting Pyrex. For use on Coleman Instant-Lite Lanterns No. 220B and 228B. 4½ in. in diameter by 5¼ in. high. Shipping weight, 17 oz. U. S. Retail Price, each.....\$1.00



No. 550—Bulge type, Pyrex Glass Globe, for use only on Coleman Lantern Nos. 242 and 242A. 3¼ in. in diameter by 4½ in. high. Packed as ordered; singles, one in carton. Shipping weight, 12 oz. U. S. Retail Price, each.....75c

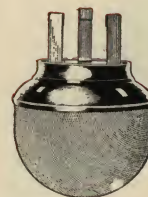


No. 440—Mica Globe for use on Coleman Lantern Nos. 242 and 242A only; 4 in. in diam., 4½ in. high. Shipping weight, 12 oz. Retail Price each.....50c



No. 327—A 13-piece mica globe for use on Coleman Lanterns. 5¾ in. high by 4½ in. diameter. Shipping weight, 5 oz.; dozen, 2 lbs., 7 oz. U. S. Retail Price, each.....65c

INSECT SCREENS



No. 310Q

No. 310Q for all Coleman Quick-Lite Lamps equipped with No. 101-363 Shade-Holder. U. S. Retail Price, each.....60c

No. 350A. For all Instant-Lite Lamps and Quick-Lite Lamps equipped with No. 117-342 Shade-Holder. U. S. Retail Price, each.....75c



No. 350A

LANTERN BURNERS COLD BLAST

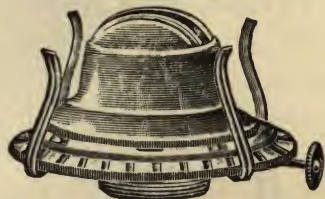
Tinned steel; wing lock cone, for No. 2 D-Lite; and various other lanterns.

Per dozen

No. 262—Takes 1 in. wick; wt. per dozen 1 lb.\$3.20

One dozen in a box.

LAMP BURNERS PREMIER



Ratchet stem, wick tube, chimney guides and base, brass plated; all other parts all brass.

Per dozen

No. 2P—Takes a 1 in. wick; wt. per dozen 1½ lbs.\$1.75

One dozen in a carton.

REGAL

Brass; steel pinion and bottom. cone and gallery are securely held by a lock device.

Intended for lamps with No. 3 collar, but has a No. 2 thread also and can be used with either size.

Per dozen

No. 3R—Takes a 1½ in. wick; wt. per dozen 3 lbs.\$4.20

One dozen in a carton.

QUEEN ANNE



All brass, bright brass finish; hinged cone.

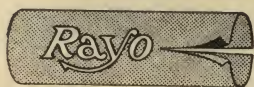
Per dozen

No. 20—Takes 1 in. wick; wt. per dozen 1½ lbs.\$2.70

One dozen in a carton.

LAMP AND LANTERN WICKS

RAYO LAMP



Per dozen

No. 7½—7½ in. long, 2½ in. diam., 5 in. circumference\$1.50

One dozen in a package.

FLAT LAMP AND LANTERN

Nos.	1	2	3
Width, in.	5	1	1½
Length, in.	8	8	8
Per dozen	\$0.20	.24	.36

One gross in a package.

LANTERN GLOBES FITZALL LOC-NOB



For No. 2 Blizzard Cold Blast and Monarch Hot Blast Lanterns

Per dozen

No. BFL—Plain, 6½ in. high; 2½ in. diam. at top; 3½ in. diam. at bottom; wt. per carton 11½ lbs.\$3.00

One dozen in a carton.

D-LITE LOC-NOB



Short Pattern, for D-Lite Cold Blast Lanterns

Per dozen

No. DL—Plain, 4½ in. high; 4½ in. diam. at top; 3½ in. diam. at bottom; wt. per carton 11½ lbs.\$3.00

No. DLR—Ruby, same as above, but ruby; wt. per doz. 11½ lbs.... 6.50

One dozen in a carton.

LITTLE WIZARD, LOC-NOB



Short Pattern, For Little Wizard Cold Blast Lanterns

Per dozen

No. LW—Plain, 3½ in. high; 3½ in. diam. at top 2½ in. diam. at bottom; wt. per carton 5½ lbs.\$3.00

No. LWR—Ruby, same as above, but ruby; wt. per crtn. 5½ lbs. 6.50

One dozen in a carton.

Dietz Loc-Nob on globes prevents globe from falling off wires when tilted back. In the short globes the hand may easily be inserted for cleaning.



LAMP CHIMNEYS

RAYO OR ROCHESTER Lumite Glass

Specially adapted for Rayo lamps.

No.	2R
Height, in.	10
Diam., bot., in.	2½
Diam. bulb, in.	3½
Wt. doz., lbs.	6
Per dozen	\$2.40

One dozen in a carton.

LAMP CHIMNEYS SUN CRIMP TOP

Lumite Glass

Per carton

No. 1CT—7½ in. high, 2½ in. diam. at bottom, 3½ in. bulb, fits all standard No. 1 burners; one dozen in a carton; wt. per carton 9 lbs.\$1.70



No. 2CT—8½ in. high, 3 in. diam. at bottom, 3½ in. bulb; fits all No. 2 Standard Burners; one dozen in a carton; wt. per carton 9 lbs. 1.70

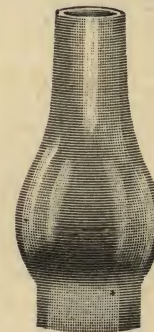
No. 20CT—Three dozen in a carton, otherwise same as No. 2CT; wt. per carton 16 lbs. 4.50

NU-STYLE PLAIN TOP

Lumite Glass

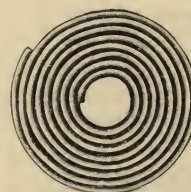
Per carton

No. 2PT—8½ in. high, 3 in. diam. at bottom, 4 in. bulb; fits all No. 2 Standard burners; one dozen in a carton; wt. per carton 5 lbs.\$1.70



No. 20PT—Three dozen in carton, otherwise same as No. 2PT; wt. per dozen 17 lbs.\$4.50

SEWING MACHINE BELTS



Adapted to all foot power sewing machines.

Per dozen

Drake—¾x69 in.; tested stock \$3.60

One dozen in a pkg.

SEWING MACHINE NEEDLES



For Drake, Orchard City and Flint Hills Sewing machines.

For thread

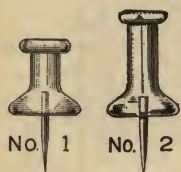
Nos.	Cotton	Silk
3	80-100	0-00
4	60-80	A-0
5	40-60	A & B
6	30-40	B & C
7	10-20	C & D

Per paper

All Numbers—25 needles in a paper \$0.90

PUSH PINS

MOORE'S



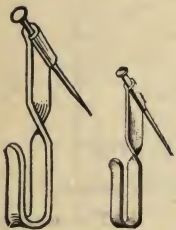
Clear glass heads with fine, round, tool tempered steel points. Used for hanging small pictures, calendars, etc.

Nos.	1	2
Size	Small	Large
No. in packet	6	6
Wt. doz. packets, oz.	6	7
Per dozen packets	\$1.60	1.60

One dozen packets in a carton.

PICTURE HANGERS

"MOORE'S" PUSHLESS



Brass plated steel hook with tool tempered steel nail.

Nos.	24	25
Size	Small	Medium
Will hold, lbs.	10	28
No. in packet	10	6
Wt. doz. packets, ozs.	5½	6
Per dozen packets ...	\$1.60	1.60
Nos.	27	28
Size	Large	Ex. Large
Will hold, lbs.	50	100
No. in packets	3	2
Wt. doz. packets, ozs.	14	16
Per dozen packets ...	\$1.60	1.60

One dozen packets in a carton.

PICTURE MOULDING
HOOKS

Steel, Brass Plated.

Per gross
No. 119—1½ in.; wt. per
gross 1½ lbs.\$1.50
One gross in a box.

BRAIDED PICTURE WIRE

No. 0			
No. 1			
No. 2			
No. 3			

Tinned Steel Wire, in 25 ft. Spools

Nos.	0	1	2	3
No. of strands ..	4	8	12	16
Wt. per doz., lbs. 1½	1¾	2	2½	3
Per dozen spools	\$0.80	1.10	1.20	1.60

One spool in a carton, one dozen spools in a box.

CURTAIN RODS

SUPERIOR EXTENSION

Made of heavy cold rolled steel, velvet gold finish sprayed on; will not tarnish or rust.



Single, Satin Gold Finish

Per dozen

No. 101—Extension 28 to 48 in.; wt.
per dozen 5 lbs.\$1.60
One in a carton, one dozen in a case.



Double, Satin Gold Finish

Per dozen

No. 102—Extension 28 to 48 in.; wt.
per dozen 10 lbs.\$3.40
One in a carton; one-half dozen in a case.



Extra Extensions, Satin Gold Finish

Used for lengthening rods to extend over a group of windows; any number of extensions may be sleeved together.

Per dozen

No. 10—One-piece, 36 in. long, for
use with Nos. 101 and 102 rods;
wt. per dozen 3½ lbs.\$1.30
One dozen in a carton.

CURTAIN RINGS

Cuts full size.



½ in.

⅝ in.

Hollow Brass, Polished

Inside dia., in.	½	⅝	¾
Gauge, Nos.	18	18	18
Wt. gross, ozs.	1½	2½	3
Per gross	\$0.70	.80	1.00

One gross in a package.

KEY CHAINS



DUPLEX

Holds the main key separate from the rest and permits the keys to lie flat.

Made up of small nickel silver balls; strength of chain 60 lbs.

Per card

No. 10—Duplex; wt. per card ¼
lbs.\$1.20
One dozen on easel card, two cards in a sealed envelope.

KEY RINGS

Best Quality
Steel Wire

Per dozen

No. 40—Heavy
split ring;
polished;
one dozen on
a card; 12
cards in a
box\$0.60



TWINE HOLDERS

CONE

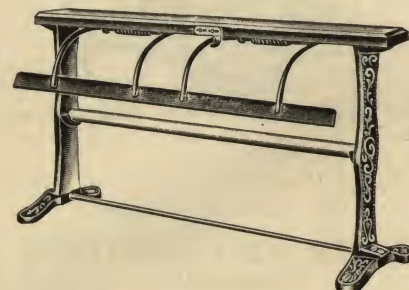


Threaded rod screws into corrugated tapered base, allowing for adjustment of varying sizes of cones. Designed for both cone and tube rolls of twine.

Cast iron with steel rod, black enameled.

Each

No. 9182—11 in. high; wt. per dozen
14 lbs.\$1.00
Three dozen in a case.

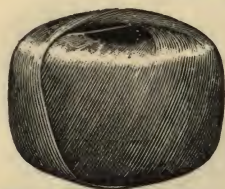
PAPER CUTTERS
STANDING

No. 9175—High grade steel spring and blade; stained hardwood top piece and black enameled cast iron base and frame.

For width roll, in.	12	15	18
Wt. each, lbs.	6	6	6
Each	\$3.30	3.60	3.60
For width roll, in.	20	24	27
Wt. each, lbs.	6½	7	8
Each	\$3.60	4.50	4.50
For width roll, in.	30	36	
Wt. each, lbs.	9	10	
Each	\$4.50	4.50	

One in a carton.

TWINES COTTON WRAPPING



In Balls

Made from extra fine white cotton yarn.

Per pound
No. 4B—Four ply; 1/2 lb. balls; 5
lbs. in a sack.\$1.00

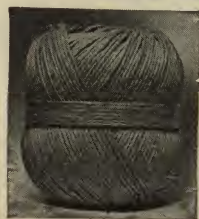


In Cones

Made from extra fine white cotton yarn

Per pound
No. 4C—Four ply; 2 1/2 lb. cones...\$0.96
Open stock.

HEMP WRAPPING



Baltic Balloon

A finished hemp twine, smooth and strong, for tying small packages.

Per dozen
No. 18BC—1 dozen balls in a display package\$1.70

JUTE WRAPPING



In Balls

Soft laid, light colored fibre gives good yardage and high breaking strength.

Per pound
Regal—2 ply; in 1/2 lb. balls.....\$0.44
Open stock.

INDIA HEMP

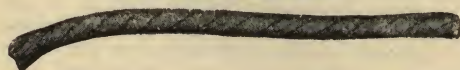


In Balls

Strong and uniform, balled with exceptional care to prevent snarling and tangling.

Per pound
Eureka—No. 4 1/2, 2 ply; in 1/4 lb. balls\$0.50
Open stock.

PAPER FLEECE



Greatly decreases waste and shrinkage; fragments of paper twine will come out of wool in the scouring process, other twines leave bits of vegetable fibre which must be removed.

1 Ply, 300 Ft. to a Pound

Per pound
No. 1—1 lb. tube\$0.18
No. 2—2 lb. tube18
100 pounds in a bale.

BENT SACKING NEEDLES



Best quality steel, highly polished and tempered, extra large eyes.

Length, in.	3	4
Wire gauge, No.	14	12
Wt. per gross, lbs.	1/2	1 1/4
Per dozen	\$0.30	.50
Length, in.	5	6
Wire gauge, No.	10	9
Wt. per gross, lbs.	2 3/4	3 3/4
Per dozen	\$0.70	.90

One-quarter gross in a box.

TOILET PAPER VANITY FAIR



Made of No. 10 uncalendered white tissue, sheets 4 1/2 x 4 1/2 in.

Per case
No. VF — 1000
sheets in a roll;
wt. per case 59
lbs.\$10.00
100 rolls in a case.

650

Made of No. 10 uncalendered white tissue, sheets 4 1/2 x 4 1/2 in.

Per case
No. 650—650 sheets in a roll; wt.
per case 42 lbs.\$7.00
100 rolls in a case.

PAPER BAGS ORANGE WEAVE KRAFT



Attractive in design and color and has excellent strength and wearing quality. Glazed on outside and will not soil easily. Watermarked "Hardware"; adopted as standard for hardware stores by the National Retail Hardware Association.

Nail

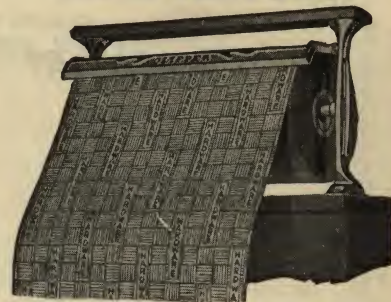
Capacity, lbs. ...	3	5	10
Pkg. contains ...	1000	1000	1000
Wt. 1000, lbs. ...	20	25	35
Per 1000	\$4.70	5.50	10.00

Capacity, lbs.	16	20
Pkg. contains	500	500
Wt. 1000, lbs.	54	60
Per 1000	\$14.00	15.00

Shot

Capacity, lbs. ...	1	2	3
Pkg. contains	5000	5000	5000
Wt. per 1000, lbs. ..	7	10	14
Per 1000	\$3.10	3.40	4.30

WRAPPING PAPER ORANGE WEAVE KRAFT



Attractive in design and color and has excellent strength and wearing quality. Glazed on one side and will not soil easily. Watermarked "Hardware". Adopted as standard for hardware stores by the National Retail Hardware Association.

Regular 9 in. diameter rolls.

30 Pound Basis

Width, in.	15	18	20
Approx. wt. roll, lbs.	23	27	30
Per pound	\$0.17	.17	.17

Width, in.	24	30
Approx. wt. roll, lbs.	36	45
Per pound	\$0.17	.17

40 Pound Basis

Width, in.	15	18	20
Approx. wt. roll, lbs.	23	27	30
Per pound	\$0.17	.17	.17

Width, in.	24	30
Approx. wt. roll, lbs.	36	45
Per pound	\$0.17	.17

PLAIN ORANGE KRAFT

30 Pound Basis

Width, in.	15	18	20
Per pound	\$0.15	.15	.15

Width, in.	24	30
Per pound	\$0.15	.15

50 Pound Basis

Width, in.	15	18	20
Per pound	\$0.15	.15	.15

Width, in.	24	30
Per pound	\$0.15	.15

KRAFT



Extra quality tough brown fibre, regular 9 in. diameter roll.

30 Pound Basis

Width, in.	12	15	18
Wt. roll, lbs.	18	22	27
Per pound	\$0.13	.13	.13

Width, in.	20	24	30
Wt. roll, lbs.	30	36	45
Per pound	\$0.13	.13	.13

50 Pound Basis

Width, in.	12	15	18
Wt. roll, lbs.	18	22	27
Per pound	\$0.13	.13	.13

Width, in.	20	24	30
Wt. roll, lbs.	30	36	45
Per pound	\$0.13	.13	.13

EXTENSION LADDERS

CLARK'S STEEL-TRUSS



Illustration shows Steel-Truss construction.

Made of clear selected, thoroughly seasoned fir, with second growth hickory rungs. All metal parts cadmium plated.

In the steel-truss construction a $\frac{1}{4}$ inch steel rod is inserted at an angle into the end of the rung from the outside of the stile, this rod emerges under the rung a few inches from the inside of the stile, passes along the underside of the rung, at the other end just outside of the stile. This construction reinforces every rung and binds the entire ladder together, under tension, into a trussed unit of superior strength and rigidity, and renders the rungs practically unbreakable.

Furnished with automatic hooks and four guides, one set of two with rollers, one set of two without rollers.

Tops or Bottoms

Length, ft.	10	12	14
Approx. wt. each, lbs.	28	32	39
Each	\$6.70	8.00	9.50
Length, ft.	16	18	20
Approx. wt. each, lbs.	40	50	55
Each	\$11.00	12.50	14.00

Note—When ordering specify if top or bottoms are wanted.

Open stock.

LONG OR TAPER LADDERS

CLARK



Sides or rails made from selected clear, thoroughly seasoned fir bored mechanically correct for rungs.

Rungs made of second growth hickory spaced 12 in. apart.

Length, ft.	10	12	14
Approx. wt. each, lbs.	25	30	35
Each	\$5.00	6.00	7.00
Length, ft.	16	18	20
Approx. wt. each, lbs.	40	45	50
Each	\$8.00	9.00	10.00

Open stock.

PAINTERS' AND MECHANICS' LADDERS

HEIDER

Made from high grade selected Spruce ladder stock. Braces on legs are held in place by metal stampings and so arranged that a plank will pass through on every step.

Hinged joint is reinforced with metal stampings. Each step is supported with a block and a $\frac{1}{4}$ in. truss rod, which also holds the ladder firmly together.

Metal parts finished in aluminum.

Length, ft.	4	5	6	7
Ap. wt. ea., lbs.	13	16 $\frac{1}{4}$	19 $\frac{1}{2}$	23 $\frac{3}{4}$
Each	\$3.60	4.50	5.40	6.30

Length, ft.	8	10	12
Ap. wt. ea., lbs.	26	32 $\frac{1}{2}$	39
Each	\$7.20	9.00	10.80

Open stock.



COMBINATION STEP AND EXTENSION LADDERS

HEIDER



Can be instantly changed from an extension ladder to a step ladder or painters' trestle.

A simple but positive device permits opening only so far, absolutely safe in every way, can be ascended from either side, each section of equal length.

Made of high grade selected spruce ladder stock with hickory rungs; all metal parts are malleable and steel.

Length, ft.	12	16	20	24
Approx. wt. each, lbs.	24	32	40	48
Each	\$7.20	9.60	12.00	14.50

Open stock.

STEP LADDERS

ORCHARD CITY

With Shelf



Made of clear, thoroughly seasoned fir with patented full rodded construction and improved pail handle spreader brace.

A high quality, low priced ladder with features which makes it the outstanding ladder at its price.

Length, ft.	4	5	6
Approx. wt. each, lbs.	10	12 $\frac{1}{2}$	15
Each	\$1.40	1.80	2.10

Open stock.

With Shelf



Made of best selected thoroughly seasoned fir, exposed metal parts are lacquered in attractive red. Equipped with new improved steel truss safety back brace construction. This ladder also has the patented rod construction, and steel spreader brace with washers.

The Super-bilt steel truss step ladder represents a truly remarkable medium priced value.

Length, ft.	7	8	10	12
Approx. wt. each, lbs.	21	24	30	36
Each	\$4.00	4.50	5.50	8.50

Open stock.

BURLINGTON (HEIDER)

With Shelf



Made of high grade selected spruce ladder stock. Each step is supported by a malleable casting and a $\frac{1}{4}$ in. truss rod which also holds the ladder firmly together. Risers are not mortised. Legs are well supported and solid.

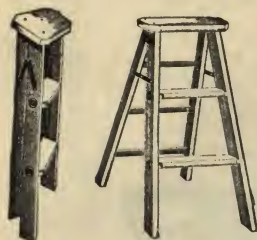
Metal parts finished in aluminum.

Length, ft.	5	6	7
App. wt. each, lbs.	18	21	25
Each	\$5.00	6.00	7.00

Length, ft.	8	10	12
App. wt. each, lbs.	28	35	42
Each	\$8.00	10.00	12.00

Open stock.

STEP LADDER STOOLS



HANDY

Combination Stool and Step Ladder
Folds up when not in use

Made of selected kiln-dried lumber natural finish. Each step bolted to side standards with 1/4 in. steel rods. Assembled with rivets, no nails used. May be used as a step ladder or a stool. High enough to reach everything in the house or kitchen.

Handy—Natural finish, 26 in. high over all, 7x11 1/4 in. top;
wt. per dozen 66 lbs.\$14.00

Two in a bundle.



DANDY

Combination Stool and Step Ladder
Steps Fold Under Stool

All steel construction, electrically welded, making it strong and rigid.

10x12 1/2 in. top, has felt base linoleum inset, which may be removed.

Two 8 in. steps are 9x4 1/2 in. rubber tipped legs prevent slipping or marring of floor.

Specify color when ordering stool with steps.

With Steps—Green or Ivory Finish

Nos.	24S	30S
Height, in.	24	30
Each	\$2.70	3.20

Without Steps—Green Finish

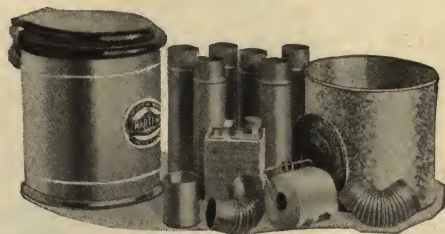
Nos.	24	30
Height, in.	24	30
Each	\$1.70	1.90

Average weight per dozen 108 pounds.

One in a carton.

SANITARY INDOOR CLOSETS

BLUE RIBBON



Heavy Sheet Metal Cabinet, Grey Enamelled, Varnished
and Polished Seat and Cover

Easily installed and operated. Place in the most convenient part of the house. No plumbing or running water required. Absolutely sanitary and odorless.

Blue Ribbon—15 3/4 in. high; 16 in. diameter; complete with 6 gal. capacity galvanized steel receptacle, can of Martin chemical, 6 joints (6 ft.) 3 in. enameled pipe, 2 enameled elbows, 1 chimney thimble, 1 wall finish collar, toilet paper and holder and complete instructions for installing; shipping weight each about 25 lbs.\$9.70

One in a carton.

Closet Chemical—1 gallon cans; for use with "Blue Ribbon"
and other indoor closets\$2.60

TOILET BOWL CLEANER

BOYER

For cleaning toilet bowls and flush traps.

Removes the dirt, filth, scum and discolorations.

Per dozen
1 1/2 Pound Can—Two dozen in a
case\$3.50



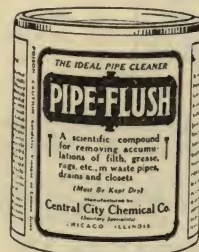
DRAIN PIPE CLEANER

PIPE FLUSH

A scientific compound for removing accumulations of filth, grease, rags, etc. in waste pipes, drains and closets.

Will not injure plumbing fittings or pipes.

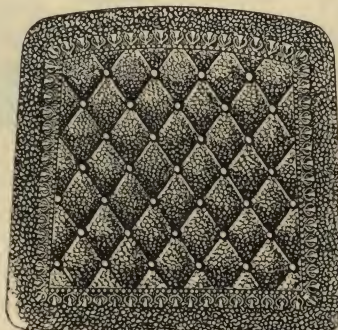
Size	Small	Large
Wt. can, ozs.	14	28
Dozen in carton	3	2
Per dozen	\$3.50	7.20



CHAIR SEATS

"AFISCO" FIBRE

These fibre chair seats are made of the very best quality red rawhide fibre board, embossed pattern and have the appearance of genuine leather. Shellacked on both sides.



Local (Diner) Shape,
Black or Tan

Width, in.	12	13
Wt. dozen, lbs.	5 1/4	6
Per dozen	\$1.50	1.70

Width, in.	14	15
Wt. dozen, lbs.	6 3/4	7 1/2
Per dozen	\$1.80	2.00

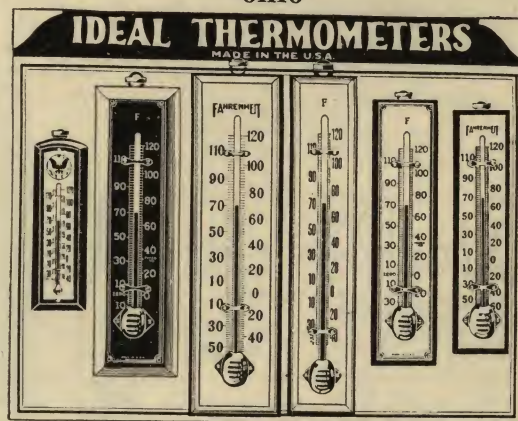
Width, in.	16	
Wt. dozen, lbs.	9	
Per dozen	\$2.20	

One dozen in a package.

Note—Specify color wanted.

THERMOMETER ASSORTMENTS

OHIO



Attractively finished wood back thermometers with red spirit filled magnifying lens.

Contents of Assortment:

- 1 No. 60 thermometer 1 1/8 x 4 1/4 in., with black scale.
- 2 No. 3383 thermometers 2 1/4 x 7 3/4 in., with black scale.
- 1 No. 776 thermometer 2 1/2 x 9 in., with gold scale.
- 2 No. 3382 thermometers 1 1/4 x 7 1/4 in., with gold scale.

Per assortment
No. 200 Assortment—6 thermometers as enumerated above;
wt. per assortment 2 lbs.\$2.00

One assortment in a box.

THERMOMETERS HOUSEHOLD



Wall

White porcelain enameled metal frame with hole on top and bottom. Graduations, numerals and letters printed in black and fused to the enamel.

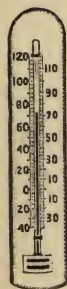
Non-fading red spirit, magnifying lens tube has large bore and milk back.

Temperature range 40 degrees F. below zero to 120 degrees above.

Per dozen

No. 30—6¼ in. high, 1¾ in. wide;
wt. per dozen 1¾ lbs.\$5.50

One in a box.



Wall

White porcelain enameled metal frame and concealed hanger with hairline border.

Graduations, numerals and letters printed in black and fused to the enamel.

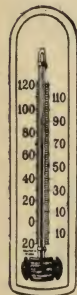
Non-fading red spirit, magnifying lens tube has large bore and milk back; hooked to prevent slipping.

Temperature range 40 degrees F. below zero to 120 degrees above.

Per dozen

No. 50—7½ in. high, 1½ in. wide;
wt. per dozen 2½ lbs.\$8.00

One in a box.



Wall

White porcelain enameled metal frame and concealed hook, with hairline border.

Graduations, numerals and letters printed in black and fused to the enamel.

Non-fading red spirit, magnifying lens tube has large bore and milk back; hooked to prevent slipping.

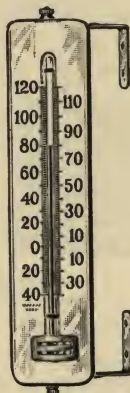
Temperature range 40 degrees F. below zero to 120 degrees above.

Per dozen

No. 80—9 in. long, 2 in. wide; wt.
per dozen 3¾ lbs.\$13.50

One in a box.

THERMOMETERS WINDOW



For Outdoor Use

Fastens to window frame or porch with two rust-resisting brackets.

White porcelain enameled frame. Graduations printed in black and fused to the enamel.

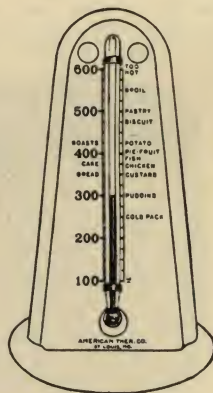
Non-fading red spirit, magnifying lens tube has large bore and milk back; hooked to prevent slipping.

Temperature range 40 degrees F. below zero to 120 degrees above.

Per dozen

No. 200—8¼ in. high, 1¾ in. wide;
wt. per dozen 3½ lbs.\$13.50
One in a box with brackets and screws.

PORTABLE OVEN "BAKE-RITE"



Standing

Frame mounted on round base.

White porcelain enameled frame and base. Scale and numerals in black with cooking chart on right hand side of scale.

Mercury filled magnifying lens tube, has large bore and milk back hooked to prevent slipping.

Temperature range 100 degrees to 600 degrees and 800 degrees F.

Per dozen

No. 115—5½ in. high, 3 in. base;
complete with recipe book; wt.
per dozen 6½ lbs.\$21.60
One in a box, one-third dozen in a display carton.

CANDY AND FAT FRYING Wood Handle



White porcelain enameled frame, scale and numerals in black. Rigid wood handle finished in natural wood color.

Adjustable clip on back for different depths of vessels.

Absolutely sanitary.

Mercury filled magnifying lens tube, has large bore and milk back; hooked to prevent slipping.

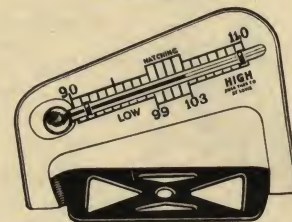
Temperature range 50 degrees to 100 degrees to 500 degrees to 550 degrees F.

Per dozen

No. 376—8¼ in. high, 1½ in. wide,
complete with recipe book; wt.
per dozen 5¼ lbs.\$21.60

One in a box.

THERMOMETERS INCUBATOR



With Stand

Designed to give the most minute temperature right at the eggs without loss of space on the egg tray.

White porcelain enameled finish, base black porcelain enameled. Scale and numerals fused in black.

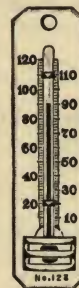
Mercury filled magnifying lens tube, has large bore and milk back; hooked to prevent slipping.

Temperature range 90 degrees to 110 degrees F. in 1 degree graduations with hatching zone marked.

Per dozen

No. 120—4½ in. long., complete with certificate; wt. per dozen 2¼ lbs.\$8.00

One in a box.



BROODER

With Hole for Hanging

White porcelain enameled frame, graduations printed in black and fused to the enamel.

Non-fading red spirit magnifying lens tube has large bore and milk back.

Temperature range 20 degrees to 120 degrees F.

Per dozen

No. 128—4 in. high, 1¾ in. wide; wt.
per doz. 1¼ lbs.\$5.80

One in a box.



DAIRY

Ordinary Grade, All Glass Floating Dairy Thermometers

Glass cylinder flat; printed paper scale; 2° graduations; shot weighted; approximate scale range 30° to 220° F. above zero.

Red Liquid Filled Tube

Per dozen

No. 5715-S—8 in. long; wt. per dozen ¾ lb.\$8.50

One dozen in a carton.

MUCILAGE
LE PAGE'S GRIP-SPREADER



A special process gives this high grade mucilage a quick, sure stick.

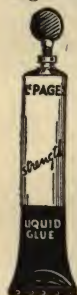
Adapted for office, school and home use.

Fitted with a patent rubber spreader.

Per dozen
No. 7—Standard 10c size; wt. per dozen 4 lbs.\$1.60
One dozen in a display carton, one gross in a case.

LIQUID GLUE
LE PAGE'S

For mending crockery, wood, leather, glass, etc., by carpenters, mechanics and all wood workers, in repair shops, and for general household purposes. No cooking required. No glue pot needed.



Family Size, in Tubes

Per dozen
No. 27—In patent self-sealing collapsible tubes, with patent pin which is used as a spreader; wt. per doz. 1½ lbs.\$3.20

One dozen in a display box; one gross in a box.

Family Size, in Bottles

Per dozen
No. 25—Small glass bottles, with patented spreader and cap screw; wt. per dozen 3 lbs.\$3.20

One dozen in a display box; one gross in a box.



No. 30



No. 35

Mechanics' Size in Cans with Patent Outside Friction Top

Nos.	30	31	32
Cap., cans	1 gill	½ pt.	1 pt.
Wt. doz., lbs....	5½	10½	18
Per dozen	\$4.80	8.00	13.60

Nos.	33	35
Cap., cans	1 qt.	1 gal.
Wt. doz., lbs.	37	144
Per dozen	\$24.00	72.00

No. 30, three dozen; No. 31, two dozen; Nos. 32, 33, one dozen; No. 35 one-half dozen in a case.

LIQUID GLUE
CHASE'S



Tube



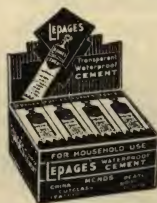
Bottle

A high-grade glue for office, home, school or workshop. For the trade that demands a ten cent number.

Per dozen
Bottle—Wt. per dozen 4½ lbs.\$1.60
Tubes—Wt. per dozen 2 lbs. 1.60

One dozen bottles or tubes in a display; one gross in a case.

WATERPROOF CEMENT
LE PAGE'S



Absolutely waterproof; mended articles can be placed in hot or cold water without effecting the cement.

Mends china, glass, ivory, marble, wood, leather and metal.

Per dozen
No. 46—In tubes; wt. per doz. 2 lbs. \$4.00
One dozen in a display carton, one-half gross in a case.

LIQUID SOLDER
LE PAGE'S



This heatless liquid solder is especially adapted to fixing things because of its moisture-resisting waterproof qualities.

This solder will fasten all metals, such as copper or tin to iron and other combinations of materials.

Per dozen
No. 48—In tubes; weight per dozen 3½ lbs.\$4.00
One dozen on a card, one gross in a box.

WATERPROOF GLUE
CASCO



Dry Powder

An efficient and economical glue for builders, cabinetmakers, carpenters, boat builders, contractors, decorators, painters and householders.

An all glue dry powder containing no preservatives. It is mixed with cold water making a quick-setting waterproof glue. Brown in color.

One pound of Casco makes 1½ quarts of liquid glue.

Size can	1½ oz.	4 oz.	8 oz.	1 lb.
Cans in case ...	12	12	12	12
Wt. case, lbs...	2	4½	8¾	16
Per dozen	\$1.60	4.00	6.40	10.40

SIZING GLUE
LE PAGE'S GROUND



Used by painters for sizing walls before papering or painting, sizing rugs, etc. It is amber in color and a sweet-smelling grade of glue.

Per pound
No. 1299—350 lbs. in a barrel.\$0.30
Open stock.

SHEET GLUE
LE PAGE'S GLOUCESTER



This grade is used by the pattern makers and also is a woodworking glue. Sold extensively through the hardware trade.

Per pound
No. 1122—5 lbs. in a package.\$0.44

RUBBER CEMENT
SO-LO BLUE BOND



Contains finest vulcanizing ingredients; for use with stick-on soles, hot water bottles, rubber gloves, etc.

Per dozen
Blue Bond—5 in. tubes; wt. per dozen 2½ lbs.\$1.60
One dozen on a display card.

MENDER AND CEMENT

SO-LO



Spreads like butter, dries overnight, wears like leather. Repairs the sole or heel of shoes, just spread it on.

Mends almost anything, useful in the home, garage, factory or office.

Per dozen kits

So-Lo—Holds $\frac{3}{4}$ pint, comes complete with full can of Blue Bond Rubber Cement and a scraper all in one big handy kit; wt. per dozen kits 14 $\frac{1}{2}$ lbs.\$6.25

Four dozen in a carton.

RUBBER TAPS

USKIDE



Made with a special heavy toe plate that will take a lot of hard wear. Has extra length and width to allow for trimming.

Black.

10 $\frac{1}{2}$ Iron Size

Per dozen pairs

No. 7—Boys' Size; wt. per dozen pairs 6 lbs.\$2.60

No. 11—Regular Men's Size; wt. per dozen pairs 7 lbs. 3.00

No. 13—Extra Large Men's Size; wt. per dozen pairs 8 lbs. 3.30

One dozen pairs in a carton.

CEMENT - ON SOLES

STURDEE



Easily and quickly applied by simply cementing them over the regular sole.

All materials including cement and roughener furnished with each pair.

A good durable sole that will give long and satisfactory service.

Per dozen pairs

Men's Boot\$1.70
Men's Wide 1.50
Men's Medium 1.50
Small—Women's and Children's.... 1.50

Weight per dozen pairs about 4 lbs.

One pair on a card, one dozen pairs in a carton.

SOLE LEATHER TAPS

LION BRAND



Cut from standard high grade leather.

Each pair bears an attractive label with shoe repairing instructions and retail price. Complete with nails.

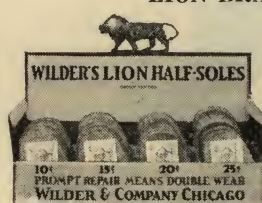
Grade	10	15
For shoes	Women's	Men's
Size	7	8
App. wt. doz. prs., lbs.	2 $\frac{1}{2}$	2 $\frac{3}{4}$
Per dozen pairs	\$1.70	2.50

Grade	20	25
For shoes	Men's	Men's
Size	10/12	10/13
App. wt. doz. prs., lbs.	3 $\frac{1}{4}$	4
Per dozen pairs	\$3.20	4.00

One dozen of a grade in a display.

SOLE LEATHER TAP ASSORTMENTS

LION BRAND



Cut from standard high grade leather. Each pair bears an attractive label with shoe repairing instructions and retail price.

Assortment consists of one dozen each:
10c Women's grade—size 7
15c Men's grade—size 8
20c Men's grade—size 10/12
25c Men's grade—size 10/13

Per assortment

No. 50—Assortment; 4 dozen taps as enumerated above, complete with nails; wt. per assortment about 15 lbs.\$11.20

SHOE LACES

GAKO



Indian Tanned Leather

Width, in.	$\frac{5}{8}$	$\frac{3}{4}$
Length, in.	72	72
Dozen pairs	\$3.50	3.80

One dozen pairs in a display carton.

RUBBER HEELS

E-Z



Black

Will give long even wear. Non-slip surface with extra wear pad.

Per dozen pairs

Men's $\frac{1}{2}$ Inch Half Heels—Sizes 6/6, 7/8, 8/9, 9/10, 10/11, 11/11, 11/12 and 12/13; wt. per dozen pairs 5 $\frac{1}{2}$ lbs.\$1.70

Men's 6/8 Inch Whole Heels—Sizes 7/8, 9/10, 10/11, 11/12, 12/13; wt. per dozen pairs 6 $\frac{3}{4}$ lbs. 2.30

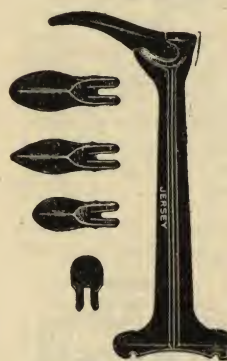
Ladies' Cuban $\frac{3}{8}$ Inch Heels—Sizes 0000, 1, 2, 5, and 7; wt. per dozen pairs 2 $\frac{1}{2}$ lbs. 1.44

Boy's Junior $\frac{3}{8}$ Inch Heels—Sizes 10 and 12; wt. per dozen 3 lbs. 1.44

One pair in a box, with nails.

LASTS AND STANDS

IMPROVED JERSEY



Lock Bearing

Made of the best material, strong and practical, being lock bearing they have a rigid foundation for the operator.

The lasts are the latest style toe, one last especially adapted for ladies work.

The extra heel plate makes it possible to repair all sizes of heels.

20 inch stand

No. 510—With 4 lasts and 1 heel piece, weight per dozen 160 lbs. \$27.00
Open stock.

COMMON CAST IRON



All lasts are interchangeable on the stands made reversible, giving two positions, horizontal and upright. Height of stand is with last removed.

Black Enameled

Per dozen sets

No. 503—Consists of 12 in. stand and 3 lasts, 10, 8 & 6 in. long; weight per dozen sets 108 lbs. \$12.00
Open stock.

IVORY ENAMELED WARE

Triple coated ivory with black trim, smooth, glossy surface; sanitary and easy to clean.

COFFEE POTS



Seamed; hollow enameled steel handle; seamless high dome enameled cover and knob.

Nos.	151I	251I
Trade cap., qts.	1½	2
Act. cap., qts.	1½	2
Size, in.	5¼x7¼	5¾x8
Doz. in carton	½	½
Wt. dozen, lbs.	20	26
Per dozen	\$13.00	13.70

Nos.	351I	451I
Tr. cap., qts.	3	4
Act. cap., qts.	3	3½
Size, in.	6½x9	6¾x9¼
Doz. in carton	½	½
Wt. doz., lbs.	28	39
Per dozen	\$15.40	17.00

DRIP COFFEE POTS



Seamless enameled cover

No 281I—Actual capacity 2 to 8 cups, size 5¼x9½ inches; wt. per doz. 32 lbs.\$19.00

One-half dozen in a carton.

COFFEE PERCOLATORS



Seamless, bell bottom, glass dome, enameled inset.

Nos.	4I	6I
Cap., cups	4	6
Inches	4½x7¾	5½x8¾
Doz. in carton	½	½
Wt. doz., lbs.	26	30
Per dozen	\$16.60	18.00

Nos.	8I	12I
Cap. cups	8	12
Inches	5½x9½	5½x11
Doz. in carton	½	½
Wt. doz., lbs.	35	42
Per dozen	\$20.40	23.30

TEA POTS



Seamless, hollow enameled steel handle, seamless high dome enameled cover and knob.

No. 3010I—Trade cap. 1½ qts., actual cap. 1½ qts., size 5¼x7¼ in.; wt. per doz. 20 lbs.\$20.80

One-half dozen in a carton.

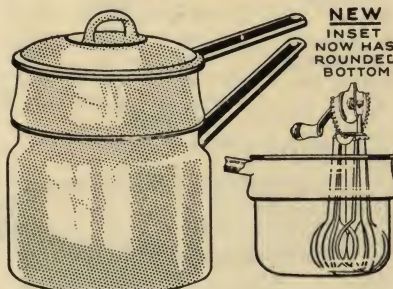
TEA KETTLES



Seamed, wire bail with enameled wood handle.

Nos.	07I	08I	09I
Trade cap., qts....	5	7	8
Act. cap., qts....	4¾	6	7½
Inches	10x5½	10x6½	11x6¼
Doz. in carton ...	½	½	½
Wt. doz., lbs.	40	50	52
Per dozen	\$21.20	22.50	25.00

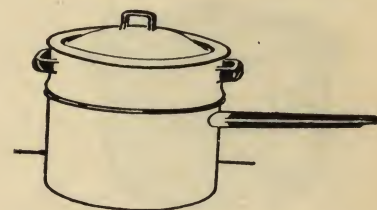
RICE BOILERS



Seamless, enameled cover, new rounded bottom inset, fashioned so cream whips fit corners of bottom, easy to clean.

Nos.	521I	531I
Trade cap., qts.	2	3
Cap. inset, qts.	1¼	2
Cap. bottom, qts.	1¾	2¾
Dozen in carton	½	½
Wt. dozen, lbs.	32	42
Per dozen	\$18.30	23.30

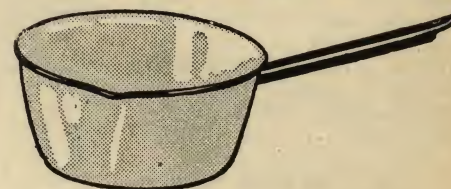
"FIVE PURPOSE" COOKER



Seamless; enameled cover; five utensils in one, serves as sauce pan, casserole, pudding pan, etc.

No. 2I—Actual cap. 1½ qts.; wt. per dozen 33 lbs.\$15.70
One-half dozen in a carton.

LIPPED SAUCE PANS



Seamless, hollow handle.

Nos.	14I	16I	18I
Tr. cap., qts.	1½	2	2½
Act. cap., qts. ...	1½	1½	2
Inches	6½x2¾	7x3¾	7¼x3¾
Doz. in carton ...	2	2	2
Wt. per doz., lbs. ...	13	14	15
Per dozen	\$5.00	5.40	6.20

Nos.	20I	22I
Tr. cap., qts.	3	4
Act. cap., qts.	2½	3¼
Inches	8½x3½	9x4½
Doz. in carton	2	1
Wt. dozen, lbs.	18	20
Per dozen	\$6.90	7.70

CONVEX SAUCE PANS



Seamless, enameled cover.

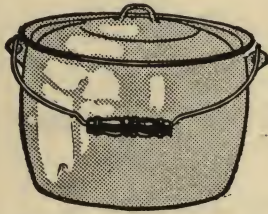
Nos.	031I	041I
Tr. cap., qts.	3	4
Act. cap., qts.	3	4
Inches	7¼x4¼	8¾x4¾
Dozen in carton	½	½
Wt. per dozen, lbs.	22	27
Per dozen	\$10.80	12.00

Nos.	061I
Tr. cap., qts.	6
Act. cap., qts.	5½
Inches	8¾x6
Doz. in carton	½
Wt. per dozen, lbs.	33
Per dozen	\$15.40

IVORY ENAMELED WARE

Triple coated ivory with black trim. Smooth glossy surface; sanitary and easy to clean.

CONVEX KETTLES

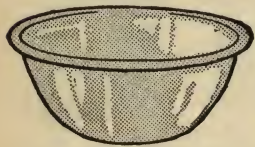


Seamless, enameled cover, wire bail with enameled wood handle.

Nos.	041I	061I
Tr. cap., qts.	4	6
Act. cap., qts.	4	5½
Inches	8¾x4¾	8¾x6
Dozen in carton	½	½
Weight dozen, lbs.	30	37
Per dozen	\$12.00	15.50

Nos.	081I	0101I
Tr. cap., qts.	8	10
Act. cap., qts.	7¼	9½
Inches	9½x6½	10½x6¾
Dozen in carton	½	½
Weight dozen, lbs.	47	55
Per dozen	\$18.30	20.40

MIXING BOWLS

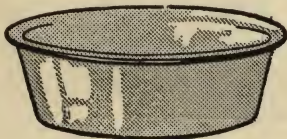


Seamless, roll rim makes handling of bowl easy. Scientifically shaped to conform with average shape of wire whips and mixing spoons.

Nos.	50I	60I
Cap., qts.	1¼	1¾
Inches	7x3¾	8x3¾
Dozen in carton	6	6
Wt. dozen, lbs.	10	13
Per dozen	\$4.60	5.50

Nos.	70I	80I
Cap., qts.	2¾	4¼
Inches	9½x4½	11¼x4½
Dozen in carton	6	3
Wt. dozen, lbs.	15	22
Per dozen	\$6.00	7.00

PUDDING PANS



Seamless.

Nos.	1I	2I	3I
Tr. cap., qts.	1	2	3
Act. cap., qts.	1	1¾	2½
Inches	7x2¼	8¾x2¾	9¼x3¾
Dozen in carton ..	3	3	2
Weight dozen, lbs. 7	9	10	
Per dozen	\$3.30	4.20	4.60

Nos.	4I	6I
Tr. cap., qts.	4	6
Act. cap., qts.	2¾	4¼
Inches	10x3	11¾x3½
Dozen in carton	2	2
Weight dozen, lbs.	12	17
Per dozen	\$5.00	6.50

RICERS

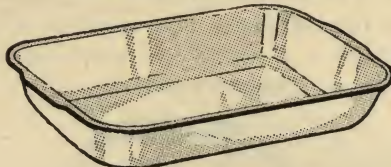


Columbian "Rice-It"

For ricing fruits and vegetables, an aid in home canning.

No. 2024I—Colander bowl 8¾x3¾	Per dozen
inches, cap. receiving bowl 3½	
qts.; wt. per dozen 37 lbs.	\$18.00
One-half dozen in a carton.	

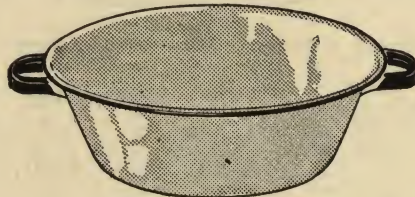
OBLONG STOVE PANS



Seamless, extension handles.

Nos.	300I	350I	400I
Length, in.	12¼	14¾	15½
Width, in.	8¾	9½	10¾
Depth, in.	2¾	2½	2½
Doz. in carton	2	2	2
Wt. dozen, lbs.	27	33	34
Per dozen	\$8.00	9.50	10.40

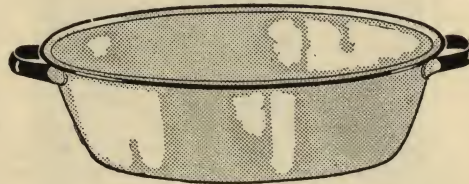
ROUND DISH PANS



Seamless, hollow handles.

Nos.	10I	14I	17I
Tr. cap., qts.	10	14	17
Act. cap., qts.	9	11	14½
Top, in.	14¾	16¼	17¾
Depth, in.	9¾	5	5¼
Doz. in carton	½	½	½
Wt. dozen, lbs.	33	44	53
Per dozen	\$13.70	15.60	21.40

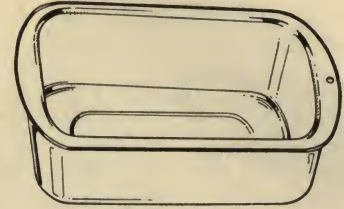
OVAL DISH PANS



Seamless, hollow handles.

No. 12I—Trade cap. 9 qts., act.	Per dozen
cap. 9½ qts., 17x12¼x5 in.;	
wt. per dozen 50 lbs.	\$16.00
One dozen in a carton.	

OBLONG DISH PANS

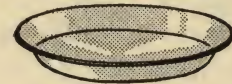


"Dishmaster"

Seamless; saves time, soap, and labor.

Nos.	140I	170I
Cap., qts.	11¼	14¾
Inches	17x12x4¾	18½x13x5
Doz. in carton	½	½
Wt. dozen, lbs.	54	62
Per dozen	\$17.00	20.50

PIE PLATES



Seamless, deep.

Nos.	90I	100I
Inches	9x1¼	9¾x1¼
Dozen in case	12	12
Wt. dozen, lbs.	8	10
Per dozen	\$3.60	4.00

WINDSOR DIPPERS



Seamless, oval handle.

Nos.	610I	612I
Tr. cap., pts.	1	2
Act. cap., pts.	1	1½
Inches	4¾x2¾	5¾x2¾
Doz. in carton	6	6
Wt. dozen, lbs.	9	12
Per dozen	\$4.20	4.60

FLARING DRINKING CUPS



Seamless.

No. 81I—Capacity ¾ pt., size 4x2½	Per dozen
inches; wt. per dozen 4 lbs.	\$3.00

One gross in a carton.

STRAIGHT DRINKING CUPS



Seamless.

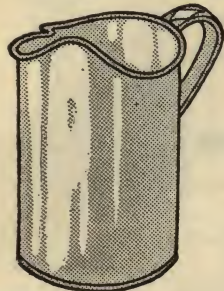
No. 23I—Capacity ¾ pt., size 3¾x-	Per dozen
2½ inches; wt. per doz. 7 lbs.	\$3.30

One gross in a carton.

IVORY ENAMELED WARE

Triple coated ivory with black trim. Smooth glossy surface; sanitary and easy to clean.

"EASY POUR" PITCHERS

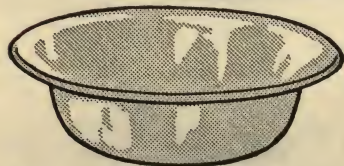


Seamless; will not drip, pinch spout lip holds ice in pitcher while pouring.

Nos.	50I	75I
Cap., qts.	1 1/4	4
Inches	4 1/2 x 7 3/8	6 x 8 3/4
Dozen in carton	1/2	1/4
Wt. dozen, lbs.	20	36
Per dozen	\$16.60	27.00

One in a carton.

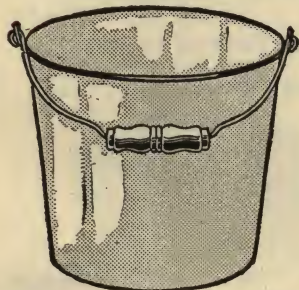
WASH BOWLS



Seamless, deep.

Nos.	300I	320I	340I
Cap., qts.	3 3/4	4 1/4	5
Inches	11 7/8 x 3 3/8	12 5/8 x 3 3/4	13 3/8 x 4
Doz. in cart.	1	1	1
Wt. doz., lbs.	15	17	20
Per dozen	\$5.80	6.50	7.30

WATER PAILS



Seamless, wire bail with enameled wood handle.

Nos.	110I	112I
Cap., qts.	10	12
Inches	10 1/2 x 8 3/4	11 1/8 x 9
Dozen in carton	1/2	1/2
Wt. dozen, lbs.	40	45
Per dozen	\$15.00	17.50

COMBINETS



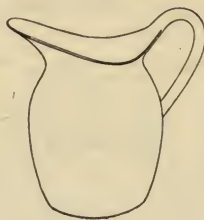
Seamless, enameled cover, wire bail with enameled handle, rubber bumper.

No. 100I—Trade capacity 10 qts., 9 3/4 x 8 1/8 inches; wt. per dozen 48 lbs.	Per dozen \$14.00
One-half dozen in a carton.	

WHITE ENAMELED WARE

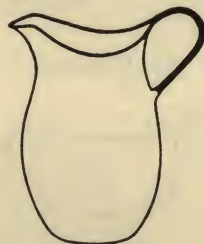
Triple coated white with black trim. Smooth glossy finish, easy to clean.

WATER PITCHERS



Seamless, convex shape.

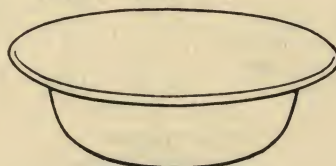
Nos.	2W	3W
Tr. cap., qts.	2	3
Act. cap., qts.	2 1/2	3 1/4
Height, inches	8 3/8	9 1/4
Dozen in carton	3	3
Wt. dozen, lbs.	29	36
Per dozen	\$13.00	15.50



Seamless, convex shape.

Nos.	20W	60W
Tr. cap., qts.	5	7
Act. cap., qts.	4 3/4	5 1/2
Height, inches	10 1/2	11 3/4
Dozen in carton	2	2
Wt. dozen, lbs.	41	43
Per dozen	\$22.00	24.00

WASH BOWLS



Seamless, deep.

Nos.	28W	30W
Inches	11 x 3 3/8	11 7/8 x 3 3/8
Dozen in carton	1	1
Wt. doz., lbs.	11	15
Per dozen	\$5.75	5.80
Nos.	32W	34W
Inches	12 5/8 x 3 3/4	13 3/8 x 4
Dozen in carton	1	1
Wt. doz., lbs.	17	20
Per dozen	\$6.50	7.30

Nos.	36W
Inches	14 7/8 x 4 1/4
Dozen in carton	3
Wt. dozen, lbs.	26
Per dozen	\$8.10

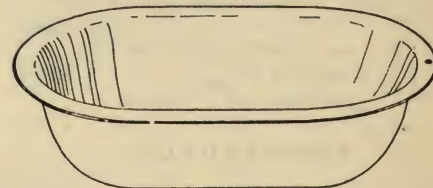
PITCHER AND BOWL SETS



Seamless.

Nos.	3420W	3660W
Cap. bowl, qts.	5	6 1/2
Cap. pitcher, qts.	5	7
Dozen in carton	2	2
Wt. dozen, lbs.	66	77
Per dozen	\$29.40	32.00

INFANT BATHS



Seamless, wide roll rim, extra heavy.

No. 26W—Cap. 32 qts., size 27 1/2 x 17 3/4 x 7 inches; wt. per dozen 140 lbs.	Per dozen \$46.50
One-quarter dozen in a carton.	



Seamless, roll rim.

No. 181W—Cap. 18 qts., size 21 x 7 x 5 1/2 in.; wt. per dozen 54 lbs.	Per dozen \$24.50
One-half dozen in a carton.	

ROUND DISH PANS



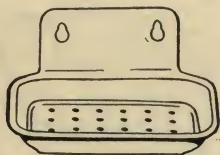
Seamless, hollow handles.

Nos.	14W	17W
Tr. cap., qts.	14	17
Act. cap., qts.	11	14 1/2
Inches	16 1/4 x 5	17 3/4 x 5 1/4
Dozen in carton	1/2	1/2
Wt. dozen, lbs.	44	57
Per dozen	\$15.60	21.40

WHITE ENAMELED WARE

Triple coated white with black trim. Smooth glossy finish, easy to clean.

WALL SOAP DISHES



Corrugated bottom, with drainer.

Per dozen

No. 60W—Size 6x3 $\frac{3}{4}$ in.; wt. per dozen 5 lbs.\$4.60

One gross in a carton.

SINK DRAINERS



Seamless; feet stamped into bottom.

Per dozen

No. 7W—Size 10x7 $\frac{7}{8}$ x3 inches; wt. per dozen 16 lbs.\$6.50

Six dozen in a carton.

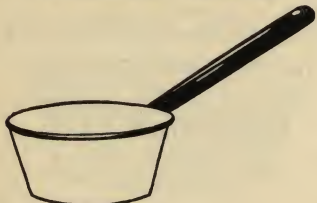
RE-FRESH-O-PANS



Seamless; handle welded to cover. Even-fitting covers with vents for air circulation. Keeps vegetables crisp and fresh.

Nos.	124W	125W	145W
Cap., qts.	4 $\frac{3}{4}$	6	7 $\frac{3}{4}$
Length, in.	12 $\frac{1}{4}$	12 $\frac{1}{4}$	14 $\frac{3}{4}$
Width, in.	7 $\frac{5}{8}$	7 $\frac{5}{8}$	7 $\frac{3}{4}$
Height, in.	4	5	5
Dozen in carton....	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{3}$
Wt. dozen, lbs.	48	52	75
Per dozen	\$20.40	30.00	30.00

WINDSOR DIPPERS



Seamless, oval handle.

Nos.	610W	612W
Trade cap., qts.	1	2
Act. cap., qts.	1	1 $\frac{1}{2}$
Inches	4 $\frac{3}{4}$ x2 $\frac{3}{4}$	5 $\frac{3}{4}$ x2 $\frac{3}{4}$
Dozen in carton....	6	6
Wt. dozen, lbs.	9	11
Per dozen	\$4.20	4.60

WATER PAILS



Seamless, wire bail with enameled wood handle.

Nos.	110W	112W
Trade cap., qts.	10	11
Actual cap., qts.	10	11 $\frac{1}{2}$
Inches	10 $\frac{1}{2}$ x8 $\frac{3}{4}$	11 $\frac{1}{8}$ x9
Doz. in carton	$\frac{1}{2}$	$\frac{1}{2}$
Wt. dozen, lbs.	42	47
Per dozen	\$15.00	17.50

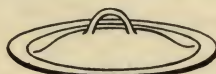
CHAMBERS



Seamless

Nos.	1W	1 $\frac{1}{2}$ W	2W
Inches	7 $\frac{1}{2}$ x4	8 $\frac{1}{4}$ x4 $\frac{1}{2}$	9 $\frac{3}{8}$ x4 $\frac{3}{4}$
Doz. in carton	3	$\frac{1}{2}$	$\frac{1}{2}$
Wt. dozen, lbs.	15	17	24
Per dozen	\$5.40	6.70	8.70

CHAMBER COVERS



Seamless

Nos.	1CW	1 $\frac{1}{2}$ CW	2CW
Inches	8	8 $\frac{7}{8}$	10 $\frac{1}{8}$
Dozen in carton....	3	3	3
Wt. dozen, lbs.	10	11	13
Per dozen	\$3.30	4.20	5.00

CUSPIDORS



Seamless

Nos.	5W
Size	8 $\frac{3}{4}$ x5 $\frac{3}{8}$ inches; wt.
per dozen	27 lbs. ....\$15.00

Three dozen in a carton.

COMBINETS



Seamless, enameled cover, strong wire bail with enameled wood handle, rubber bumper.

Per dozen

No. 100W—Trade capacity 10 qts., actual capacity 7 $\frac{3}{4}$ qts., 9 $\frac{3}{4}$ x8 $\frac{1}{8}$ inches; wt. per dozen 48 lbs.\$14.00

One-half dozen in a carton.



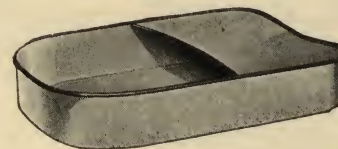
Seamless; enameled cover, extra wide top flange, wire bail with enameled wood handle, rubber bumper.

Per dozen

No. 200W—Trade capacity 13 qts., actual capacity 12 $\frac{1}{2}$ qts., 11x10 $\frac{1}{4}$ inches; wt. per dozen 80 lbs.\$25.60

One-quarter dozen in a carton.

DOUCHE PANS



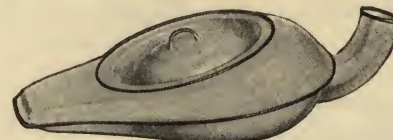
Seamless

Per dozen

No. 2W—Size 15 $\frac{1}{8}$ x11 $\frac{1}{4}$ x2 $\frac{3}{4}$ in.; wt. per dozen 56 lbs.\$24.00

One-half dozen in a carton.

BED PANS



Seamed, with cover.

Per dozen

No. 1W—Size 12 $\frac{1}{2}$ x18 $\frac{1}{2}$ inches; wt. per dozen 58 lbs.\$24.00

One-half dozen in a carton.

Send Us Your Mail Orders For Prompt and Efficient Service!

Regular Items.

Same Day Shipment on all

COFFEE POTS



Seamed, enameled high dome cover.

Nos.	151G	251G
Trade cap., qts. . .	1½	2
Actual cap., qts. . .	1½	2
Inches	5¼x7¼	5¾x8
Doz. in carton . . .	½	½
Wt. doz., lbs.	19	22
Per dozen	\$6.80	6.90
Nos.	351G	451G
Trade cap., qts. . .	3	4
Actual cap., qts. . .	3	3½
Inches	6½x9	6¾x9¼
Doz. in carton . . .	½	½
Wt. doz., lbs.	25	27
Per dozen	\$7.40	9.60

TEA POTS



Seamed, enameled seamless high dome cover.

No. 101G—Trade capacity 1½ qts., actual cap. 1½ qts., 5½x7¼ in.; wt. per dozen 20 lbs.	Per dozen \$9.60
One-half dozen in a carton.	

COFFEE BOILERS



Seamed, enameled cover, wire bail with enameled wood handle.

Nos.	071G	081G
Trade cap., qts. . .	6	8
Actual cap., qts. . .	5¾	7¾
Inches	8½x11¼	9½x12
Doz. in carton . . .	¼	¼
Wt. doz., lbs.	36	44
Per dozen	\$17.25	18.70
Nos.	091G	0101G
Trade cap., qts. . .	11	12
Actual cap., qts. . .	10½	11½
Inches	10½x13½	11¼x13½
Doz. in carton . . .	¼	¼
Wt. doz., lbs.	50	72
Per dozen	\$22.25	26.70

GRAY ENAMELED WARE

TEA KETTLES



Seamed, flat bottom, fancy spout; seamless enameled cover and knob.

Nos.	07G	08G	09G
Trade cap., qts. . .	5	7	8
Actual cap., qts. . .	4¾	6	7½
Inches	10x5½	10x6½	11x6½
Doz. in carton . . .	½	½	½
Wt. doz., lbs.	40	45	50
Per dozen	\$15.00	16.50	18.70

RICE BOILERS



Seamless, enameled cover, round bottom inset.

Nos.	521G	531G	541G
Trade cap., qts.	2	3	4
Inside boiler, qts. . .	1¼	2	2¾
Bottom boiler, qts. .	1¾	2¾	3¾
Doz. in carton . . .	½	½	½
Wt. doz., lbs.	32	42	50
Per dozen	\$15.20	17.00	19.50

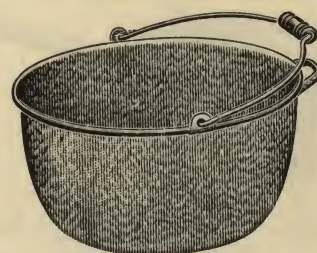
STOCK POTS



Seamless, enameled cover, hollow side handles.

Nos.	2401G
Trade cap., qts.	24
Act. cap., qts.	24
Inches	13¼x10½
Dozen in carton . . .	½
Wt. per dozen, lbs. . .	110
Per dozen	\$28.50

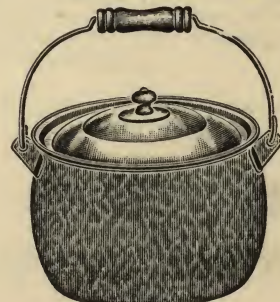
PRESERVING KETTLES



Seamless, lipped; deep. Wire bail with enameled wood handle. Slotted ear holds bail upright.

Nos.	24G	26G	28G
Tr. cap., qts.	5	6	8
Act. cap., qts.	4½	6	7½
Inches	9⅞x4¼	10⅞x4¾	11½x5½
Doz. in carton	1	1	1
Wt. doz., lbs.	17	23	27
Per dozen ..	\$6.00	6.60	8.00
Nos.	30G	32G	36G
Tr cap., qts.	10	12	14
Act. cap., qts.	8½	9	13½
Inches	12¼x5⅞	12½x5½	13⅝x6½
Doz. in carton	½	½	½
Wt. doz., lbs.	31	35	45
Per dozen ..	\$9.00	11.25	14.00
Nos.	40G	50G	
Trade cap., qts. .	18	30	
Actual cap., qts. .	16¼	31	
Inches	14¾x7	17½x9¼	
Doz. in carton. .	½	½	
Wt. doz., lbs. ...	53	140	
Per dozen	\$16.20	34.40	

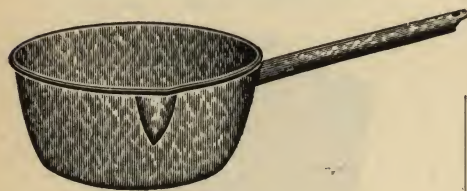
CONVEX KETTLES



Seamless, retinned cover, wire bail with enameled wood handle.

Nos.	03G	04G
Trade cap., qts.	3	4
Actual cap., qts.	3	4
Inches	7¾x4¼	8¾x4¾
Doz. in carton . . .	½	½
Wt. doz., lbs.	20	23
Per dozen	\$6.60	7.20
Nos.	06G	08G
Trade cap., qts.	6	8
Actual cap., qts.	5	7¼
Inches	8¾x6	9¾x6½
Doz. in carton . . .	½	½
Wt. doz., lbs.	28	38
Per dozen	\$8.20	10.40
Nos.	010G	012G
Trade cap., qts.	10	12
Actual cap., qts.	9¾	12
Inches	10½x6¾	11x6¾
Doz. in carton . . .	½	½
Wt. doz., lbs.	45	50
Per dozen	\$12.30	15.40

LIPPED SAUCE PANS



Seamless, improved oval steel handle.

Nos.....	14G	16G
Trade cap., qts.	1½	2
Actual cap., qts.	1½	1½
Inches	6½x2¾	7x3½
Dozen in carton.....	3	2
Wt. dozen, lbs.	10	10
Per dozen	\$3.00	3.20

Nos.....	18G	20G
Trade cap., qts.	2½	3
Actual cap., qts.	2	2½
Inches	7¾x3¾	8½x3½
Dozen in carton.....	2	2
Wt. dozen, lbs.	10	12
Per dozen	\$3.50	4.00

Nos.....	22G	24G
Trade cap., qts.....	4	5
Actual cap., qts.....	3¼	4¼
Inches	9x4½	10x4¼
Dozen in carton.....	1	1
Wt. dozen, lbs.	14	20
Per dozen	\$4.30	5.50

MIXING BOWLS



Seamless, roll rim makes handling of bowl easy. Scientifically shaped to conform with the average shape of wire whips and mixing spoons.

Nos.....	50G	60G
Cap., qts.	1¼	1¾
Inches	7x3¾	8x3½
Dozen in carton.....	6	6
Wt. dozen, lbs.	10	13
Per dozen	\$3.00	3.80

Nos.....	70G	80G
Cap., qts.	2¾	4¼
Inches	9½x4½	11¼x4½
Dozen in carton.....	6	3
Wt. dozen, lbs.	15	22
Per dozen	\$4.40	5.00

GRAY ENAMELED WARE

PUDDING PANS



Seamless

Nos.....	1G	2G
Trade cap., qts.	1	2
Actual cap., qts.	1	1¾
Inches	7x2¼	8¾x2¾
Dozen in carton	3	3
Wt. per dozen, lbs...	7	9
Per dozen	\$1.90	2.30

Nos.....	3G	4G
Trade cap., qts.	3	4
Actual cap., qts.	2½	2¾
Inches	9¼x3½	10x3
Dozen in carton	2	2
Wt. per dozen, lbs. ...	10	13
Per dozen	\$2.50	2.80

Nos.....	5G	6G
Trade cap., qts.	5	6
Actual cap., qts.	3½	4¼
Inches	11x4	11¾x3½
Dozen in carton.....	2	2
Wt. dozen, lbs.	13	17
Per dozen	\$3.20	3.60

COLANDERS

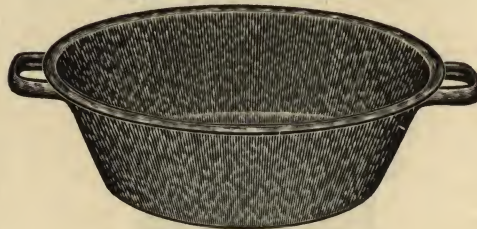


Seamed, hollow handle.

No. 25G—Diameter 11½ in.; wt. per dozen 17 lbs.	Per dozen \$7.00
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One dozen in a carton.

ROUND DISH PANS



Deep, seamless, handled.

Nos.....	10G	14G
Trade cap., qts.	10	14
Actual cap., qts.	9	11
Inches	14¾x4¾	16¼x5
Dozen in carton....	½	½
Wt. dozen, lbs.	32	40
Per dozen	\$7.40	8.40

Nos.....	17G	21G
Trade cap., qts.....	17	21
Act. cap., qts.	14½	19
Inches	17¾x5¼	19½x5½
Dozen in carton	½	½
Wt. dozen, lbs.	48	55
Per dozen	\$10.60	14.40

PIE PLATES



Seamless, deep.

Nos.....	90G	100G
Inches	9x1¼	9¾x1¼
Dozen in carton	12	12
Wt. dozen, lbs.	8	10
Per dozen	\$1.90	2.20

BASTING SPOONS



No. 14G—Length 14 inches; wt. per dozen 4 lbs.	Per dozen \$2.00
Two gross in a carton.	

SOUP LADLES



Threaded handle.

No. 38G—Size 3¾x12½ inches; wt. per dozen 4 lbs.	Per dozen \$3.00
One dozen in a carton.	

SOLID LADLES



Flat hook handle.

No. 10G—Size 3¾ inches; wt. per dozen 5 lbs.	Per dozen \$2.60
One gross in a carton.	

DRINKING CUPS



Straight

Seamless, deep.

No. 23G—Capacity ¾ pint 3¾x2½ in.; wt. per dozen 5 lbs.	Per dozen \$2.30
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Flaring

Seamless, deep.

No. 81G—Capacity ⅝ pint, 4x2½ inches; wt. per dozen 4 lbs.	Per dozen \$2.00
One gross in a carton.	

GRAY ENAMELED WARE

WINDSOR DIPPERS



Seamless, oval handle.

Nos.....	610G	612G
Trade cap., qts.....	1	2
Actual cap., qts.	1 1/8	1 1/2
Inches	4 3/4 x 2 1/2	5 3/4 x 2 3/4
Dozen in carton	6	6
Wt. dozen, lbs.	8	11
Per dozen	\$2.80	3.00

WATER PAILS



Seamless, heavy wire ears securely welded to body, strong wire bail with enameled wood handle.

Nos.....	110G	112G
Trade cap., qts.	10	12
Actual cap., qts.	10	11 1/2
Inches	10 1/2 x 8 3/4	11 1/8 x 9
Dozen in carton	39	41
Wt. dozen, lbs.	39	41
Per dozen	\$10.00	11.70

WASH BOWLS



Seamless, deep.

Nos.....	280G	300G
Inches	11 x 3 3/8	11 7/8 x 3 3/8
Dozen in carton ..	1	1
Wt. dozen, lbs.....	10	13
Per dozen	\$2.80	3.20
Nos.....	320G	340G
Inches	12 5/8 x 3 3/4	13 3/8 x 4
Dozen in carton ..	1	1
Wt. dozen, lbs.....	15	18
Per dozen	\$3.70	4.00

WALL SOAP DISHES



Corrugated bottom, with drainer.

No. 60G—Size 6x	Per dozen
3 3/4 in.; wt. per	
doz. 5 lbs. ...	\$3.00
One gross in a	
carton.	

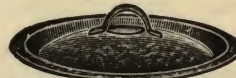
CHAMBERS



Seamless, with cover.

Nos.....	1G	1 1/2 G	2G
Inches	7 5/8 x 4 1/4	8 1/4 x 4 1/2	9 3/8 x 4 3/4
Doz. in carton ..	1/2	1/2	1/2
Wt. doz., lbs....	12	16	22
Per dozen	\$4.30	5.00	6.40

CHAMBER COVERS



Nos.....	1CG	1 1/2 CG	2CG
Inches	8	8 7/8	10 1/8
Dozen in carton...	3	3	3
Wt. doz., lbs.....	9	10	12
Per dozen	\$2.60	2.90	3.40

COMBINETS



Seamless enameled cover, strong wire bail with enameled wood handle, rubber bumper.

No. 10G—Trade capacity 10 qts.,	Per dozen
actual capacity 7 3/4 qts., 9 3/4 x	
8 1/8 inches; wt. per dozen 48	
lbs.	\$12.50
One-half dozen in a carton.	

COLD PACK CANNERS



Speckled Blue Enamel

Enameled cover, retinned wire rack, hollow side handles, for hot and cold pack canning.

No. 147—Cap. 7 qt. jars, capacity	Per dozen
of pot 24 qts., size 14x10 1/8 in.;	
wt. per dozen 90 lbs.	\$27.00
One in a carton.	

COFFEE DRIP-O-LATORS

ENTERPRISE

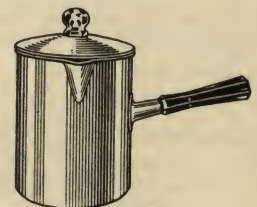


Glazed vitreous china base decorated in a four color floral design, flaring bottom.

No. D346—Capacity 6 cups; wt.	Per dozen
per dozen 45 lbs.	\$21.60
One in a carton, one dozen in a case.	

COFFEE PERCOLATORS

REVERE

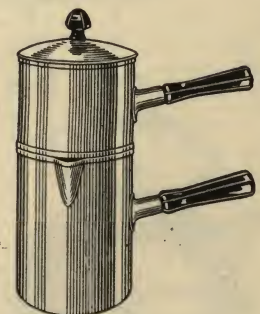


Chromium plated over solid copper, glass dome, black side handles; hot water percolating pump.

No. 78—Capacity 8 cups; wt. per	Per dozen
dozen 30 lbs.	\$48.00
One in a carton.	

DRIP COFFEE POTS

REVERE



Chromium plated over solid copper, black side handles eliminates use of filter paper, bottom can be used as server for table use.

No. 7938—Capacity 8 cups; wt. per	Per dozen
dozen 42 lbs.	\$76.80
One in a carton.	

TEA KETTLES REVERE



Solid Copper; Highly Polished

Breast and spout seamed solid to body, will not rust or leak.

Nos.	X7	X8
Cap., qts.	5	6
Dozen in carton ...	$\frac{1}{4}$	$\frac{1}{4}$
Wt. dozen, lbs.	28	32
Per dozen	\$21.20	24.00



Solid Copper; Chromium Plated

Breast and spout seamed solid to body, will not tarnish, rust, or leak.

Nos.	5221	6221	8221
Cap., qts.	5	6	8
Dozen in carton ...	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$
Wt. doz., lbs.	28	32	35
Per dozen	\$30.50	32.70	35.00



Solid Copper; Chromium Plated

Breast and spout seamed solid to body, will not tarnish, leak, or rust.

Nos.	5242	6242	8242
Cap., qts.	5	6	8
Dozen in carton ...	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$
Wt. doz., lbs.	44	49	55
Per dozen	\$35.00	38.00	42.00



Solid Copper; Chromium Plated

Proper size and style for the electric range, easily cleaned.

Will not rust, tarnish, or leak.

	Per dozen
No. 2213—Capacity 2 qts.; wt. per dozen 24 lbs.	\$28.00
One-quarter dozen in a carton.	

TEA KETTLES REVERE



Whistler

Chromium Plated Over Solid Copper

Bird whistles when water boils. Heats water quickly. Black Bakelite handle and bird.

	Per dozen
No. 2225—Capacity 2 qts.; wt. per dozen 15 lbs.	\$16.00
One dozen in a carton.	

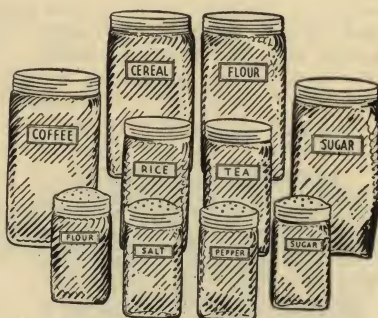
PERCOLATOR TOPS GLASS



Green glass.

	Per dozen
No. 1—Diameter $2\frac{1}{8}$ in.; wt. per dozen $2\frac{1}{8}$ lbs.	\$0.40
One gross in a carton.	

PANTRY SETS GLASS



Emerald green, metal caps and labels.

Contents of Set:

- 1—40 oz. cereal jar.
- 1—40 oz. coffee jar.
- 1—40 oz. sugar jar.
- 1—40 oz. flour jar.
- 1—16 oz. rice jar.
- 1—16 oz. tea jar.
- 1—7½ oz. sugar shaker.
- 1—7½ oz. flour shaker.
- 1—7½ oz. salt shaker.
- 1—7½ oz. pepper shaker.

	Per set
No. 10G—Consists of 10 pieces as described and illustrated above; wt. per set 12 lbs.	\$1.40
One set in a carton.	

MIXING BOWL SETS GLASS



Green glass; has rolled edge to afford a convenient hand grip. Bottom construction prevents bowl from rolling while mixing.

	Per set
No. G149—Set consists of 5 bowls; one each $6\frac{1}{8} \times 7\frac{1}{4}$, $8\frac{1}{4}$, $9\frac{1}{4}$, and $10\frac{1}{4}$ in. in diameter; wt. per set 10 lbs.	\$1.30
One set in a carton.	

CASSEROLE FRAMES MANOR PATTERN



Frame Only

Heavy chrome steel, stain and tarnish proof, fancy perforations with embossed border design.

	Round		
Nos.	70622	70623	70624
Cap., qts.	1	$1\frac{1}{2}$	2
For Pyrex, No.	622	623	624
Wt. each, lbs.	$\frac{1}{2}$	$\frac{3}{4}$	1
Each	\$0.90	.90	1.00

	Oval		
Nos.	70632	70633	70634
Cap., qts.	1	$1\frac{1}{2}$	2
For Pyrex, No.	632	633	634
Wt. each, lbs.	$\frac{1}{2}$	$\frac{3}{4}$	1
Each	\$0.90	.90	1.00

	Square		
No.	70653		
Cap., qts.	$1\frac{1}{2}$		
For Pyrex, No.	653		
Wt. each, lbs.	1		
Each	\$1.00		

PIE PLATE FRAMES MANOR PATTERN



Frame Only

Heavy chrome steel, stain and tarnish proof. Perforated and embossed border design.

	Each
No. 70209—Diam. $9\frac{5}{8}$ in., for Pyrex No. 209; wt. each $\frac{1}{2}$ lb.	\$0.90
One in a package.	

PYREX TRANSPARENT OVEN WARE

Pyrex has the remarkable quality of quickly absorbing and retaining heat, causing foods to bake rapidly and thoroughly. Pyrex never chips, bends, flakes or crazes. It cannot rust, burn or discolor. It is sanitary and easy to clean for nothing can adhere to its hard, grease proof, odor proof surface. May be used for any foods baked in the oven—pies, bread, cakes, custards, puddings, casserole or au gratin dishes. Guaranteed against breakage from oven heat for a period of two years.

CASSEROLES



Round, with
Handles

PYREX			
Nos.	*164	621	622
Capacity,	8 oz.	1 pt.	1 qt.
Diameter, inches ...	4 $\frac{1}{8}$	6	6 $\frac{7}{8}$
Depth, inches	1 $\frac{7}{8}$	2 $\frac{1}{4}$	2 $\frac{3}{4}$
Pieces in case	12	12	12
Wt. per case, lbs.	12	23	34
Each	\$0.40	.65	.75

Nos.	623	624	626
Capacity, qts.	1 $\frac{1}{2}$	2	3
Diameter, inches	7 $\frac{7}{8}$	8 $\frac{7}{8}$	10 $\frac{3}{8}$
Depth, inches	3	3 $\frac{3}{4}$	3 $\frac{1}{2}$
Pieces in case	12	12	6
Wt. per case, lbs.	42	54	38
Each	\$0.95	1.15	1.50

*Without handles.

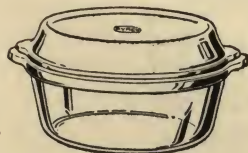


Deep, Oval,
with Handles

PYREX			
Nos.	632	633	634
Capacity, qts.	1	1 $\frac{1}{2}$	2
Length, inches	8	9 $\frac{1}{8}$	10 $\frac{1}{8}$
Width, inches	5 $\frac{7}{8}$	6 $\frac{5}{8}$	7 $\frac{1}{2}$
Depth, inches	2 $\frac{7}{8}$	3	3 $\frac{3}{4}$
Pieces in case	12	12	12
Wt. per case, lbs.	33	42	54
Each	\$1.00	1.25	1.50

Shallow, Oval with Handles

Nos.	642	643	644
Capacity, qts.	1	1 $\frac{1}{2}$	2
Length, inches	9 $\frac{1}{8}$	10 $\frac{1}{8}$	11 $\frac{7}{8}$
Width, inches	6 $\frac{5}{8}$	7 $\frac{1}{2}$	8 $\frac{5}{8}$
Depth, inches	2 $\frac{1}{8}$	2 $\frac{1}{4}$	2 $\frac{1}{2}$
Pieces in case	12	12	6
Wt. per case, lbs.	41	49	32
Each	\$1.00	1.25	1.50



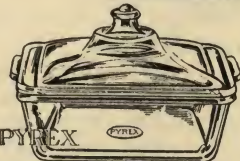
Round with
Utility Cover

Nos.	682	683
Capacity, qts.	1	1 $\frac{1}{2}$
Diameter, inches	6 $\frac{7}{8}$	7 $\frac{7}{8}$
Depth, inches	2 $\frac{3}{4}$	3
Pieces in case	12	12
Wt. per case, lbs.	36	47
Each	\$0.80	1.00

Nos.	684	686
Capacity, qts.	2	3
Diameter, inches	8 $\frac{7}{8}$	10 $\frac{3}{8}$
Depth, inches	3 $\frac{1}{4}$	3 $\frac{1}{2}$
Pieces in case	12	6
Wt. per case, lbs.	56	38
Each	\$1.25	1.65

All above, one in a carton.

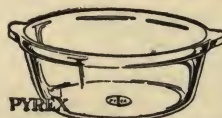
CASSEROLES



Square, with
Handles

PYREX		Each
No. 653—Capacity 1 $\frac{1}{2}$ qts., 7 $\frac{1}{8}$ x7 $\frac{1}{8}$ -x2 $\frac{7}{8}$ in.; wt. per case 46 lbs. ..	\$1.25	
One in a carton, twelve in a case.		

OPEN BAKERS



Round, with
Handles

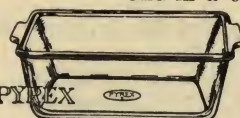
PYREX			
Nos.	021	022	023
Capacity, qts.	$\frac{1}{2}$	1	1 $\frac{1}{2}$
Diameter, inches ...	6	6 $\frac{7}{8}$	7 $\frac{7}{8}$
Depth, inches	2 $\frac{1}{4}$	2 $\frac{3}{4}$	3
Pieces in case	12	12	12
Wt. per case, lbs.	15	22	28
Each	\$0.45	.50	.65

Nos.	024	026
Capacity, qts.	2	3
Diameter, inches	8 $\frac{7}{8}$	10 $\frac{3}{8}$
Depth, inches	3 $\frac{1}{4}$	3 $\frac{1}{2}$
Pieces in case	12	6
Wt. per case, lbs.	37	27
Each	\$0.75	1.00

Oval, with Handles

PYREX			
Nos.	032	033	034
Capacity, qts.	1	1 $\frac{1}{2}$	2
Length, inches	8	9 $\frac{1}{8}$	10 $\frac{1}{8}$
Width, inches	5 $\frac{7}{8}$	6 $\frac{5}{8}$	7 $\frac{1}{2}$
Depth, inches	2 $\frac{7}{8}$	3	3 $\frac{3}{4}$
Pieces in case	12	12	12
Wt. per case, lbs.	22	26	35
Each	\$0.65	.75	.95

One in a carton.



Square, with
Handles

PYREX		Each
No. 053—Capacity 1 $\frac{1}{2}$ qts., 7 $\frac{1}{8}$ x7 $\frac{1}{8}$ in. top; 2 $\frac{7}{8}$ in. deep; wt. per case 30 lbs.	\$0.75	
One in a carton, twelve in a case.		

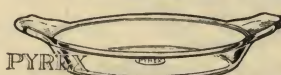
COVERED BAKING DISHES



Oval, with
Cover

PYREX		Each
No. 110—Length 10 inches, width 7 $\frac{3}{8}$ inches; depth 2 $\frac{7}{8}$ in.; wt. per case 24 lbs.	\$1.50	
One in a carton, six in a case.		

AU GRATIN DISHES



With
Handles

PYREX		Each
No. 331—Length 9 in., width 5 $\frac{5}{8}$ in., depth 1 $\frac{1}{2}$ in.; wt. per case 38 lbs.	\$0.75	
One in a carton, twenty-four in a case.		

BEAN POTS



Round, Han-
dles, with
Cover

Nos.	504	506
Capacity, qts.	1	2
Diameter, inches	5 $\frac{3}{4}$	7 $\frac{1}{4}$
Depth, inches	4 $\frac{1}{2}$	5 $\frac{3}{4}$
Pieces in case	6	6
Wt. per case, lbs.	18	29
Each	\$1.00	1.50

One in a carton.

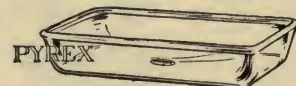
BAKED APPLE DISHES



Round

PYREX		Each
No. 435—Diameter 4 $\frac{3}{4}$ in.; wt. per case 22 lbs.	\$0.25	
One in a carton, twenty-four in a case.		

UTILITY DISHES

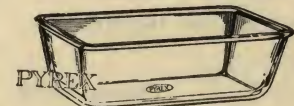


Oblong

Nos.	231	232
Length, inches	10 $\frac{1}{2}$	12 $\frac{5}{8}$
Width, inches	6 $\frac{1}{2}$	8 $\frac{1}{8}$
Depth, inches	2	2
Pieces in case	12	12
Wt. per case, lbs.	34	46
Each	\$0.75	1.00

One in a carton.

BREAD OR LOAF PANS



Oblong

Nos.	212	213	214
Length, inches	9 $\frac{1}{8}$	4 $\frac{7}{8}$	10 $\frac{5}{8}$
Width, inches	5 $\frac{1}{8}$	3	5 $\frac{5}{8}$
Depth, inches	2 $\frac{7}{8}$	1 $\frac{7}{8}$	3 $\frac{3}{8}$
Pieces in case	12	48	12
Wt. per case, lbs.	28	29	40
Each	\$0.65	.20	1.00

One in a carton.

BISCUIT PANS

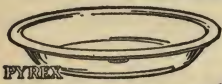


Oblong

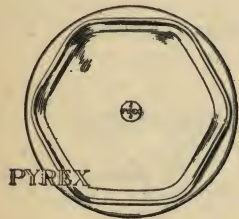
PYREX		Each
No. 235—Top 11 $\frac{1}{8}$ x8 $\frac{5}{8}$ in., depth 1 $\frac{1}{4}$ inches; wt. per case 36 lbs.	\$0.75	
One in a carton, twelve in a case.		

PYREX TRANSPARENT OVEN WARE

PIE PLATES

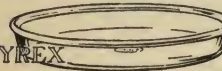
	Round, Wide Rim		
			
Nos.	205	208	209
Diameter, in.	4 $\frac{7}{8}$	8 $\frac{3}{4}$	9 $\frac{1}{2}$
Depth, in.	1 $\frac{1}{8}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$
Pieces in case	48	24	24
Wt. per case, lbs. ..	24	42	49
Each	\$0.15	.40	.45
Nos.	210	211	
Diameter, in.	10 $\frac{1}{2}$	11 $\frac{1}{2}$	
Depth, in.	1 $\frac{1}{2}$	1 $\frac{1}{2}$	
Pieces in case	12	12	
Wt. per case, lbs.	30	37	
Each	\$0.50	.65	
One in a carton.			

Hexagonal



Each
No. 200—Di-
am. 9 $\frac{3}{4}$ in.,
1 $\frac{1}{4}$ in. deep;
wt. per case
29 lbs. ...\$0.75
One in a carton,
twelve in a case.

CAKE DISHES

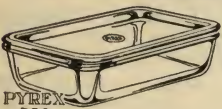
	Round	Each
		
No. 221—Diameter 9 $\frac{1}{8}$ in., 1 $\frac{1}{4}$ in. deep; weight per case 23 lbs. ..		\$0.50
One in a carton, twelve in a case.		

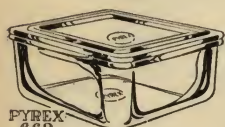
Square



Each
No. 809—Top 9 $\frac{1}{8}$ x9 $\frac{1}{8}$ in., 1 $\frac{1}{2}$ in. deep; weight per case 33 lbs...\$0.75
One in a carton, twelve in a case.

REFRIGERATOR DISHES

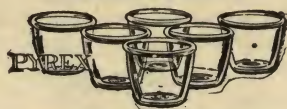
	Oblong, with Cover	
		
Nos.	592	593
Inches	9x5	9x5
Depth, in.	2	3
Pieces in case	12	12
Wt. per case, lbs.	35	44
Each	\$0.75	.95



Square, with Cover

Nos.	662	663
Inches	6x6	6x6
Depth, inches	2	3
Pieces in case	12	12
Wt. per case, lbs.	28	33
Each	\$0.65	.75

CUSTARD CUPS



Round French Pattern

Nos.	425	426
Capacity, oz.	5	6
Diameter, in.	3 $\frac{1}{8}$	3 $\frac{3}{8}$
Depth, in.	2 $\frac{3}{8}$	2 $\frac{5}{8}$
Pieces in case	72	72
Wt. per case, lbs.	25	32
Each	\$0.10	.15
Seventy-two in a case.		



Round

Each
No. 414—Cap. 4 ozs., diameter 3 $\frac{1}{2}$ inches, depth 1 $\frac{1}{4}$ inches; wt. per case 44 lbs.....\$0.05
One-hundred forty-four in a case.

INDIVIDUAL DEEP PIE DISHES



Round

Nos.	453	455
Capacity, ozs.	8	12
Diameter, in.	4 $\frac{1}{2}$	5 $\frac{1}{8}$
Depth, in.	1 $\frac{3}{4}$	1 $\frac{1}{8}$
Pieces in case	48	48
Wt. per case, lbs.	29	37
Each	\$0.20	.25
Six in a carton.		

INDIVIDUAL BAKERS OR RAMEKINS



Round, Wide Rim

Each
No. 442—Capacity 4 ozs., 3 $\frac{3}{4}$ in. diameter, 1 $\frac{1}{2}$ in. deep; wt. per case 27 lbs.\$0.15
One dozen in a carton, seventy-two in a case.

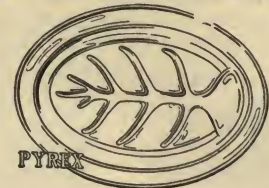
TEA POTS



Round Shape, Chromium Cover and Handle

Each
No. 44—Capacity 4 cups; weight per case 18 lbs\$2.50
One in a carton.

WELL AND TREE PLATTERS



Oval

Each
No. 372—Length 15 in., width 11 $\frac{1}{8}$ in., depth $\frac{7}{8}$ in.; wt. per case 28 lbs.\$1.85
One in a carton, six in a case.

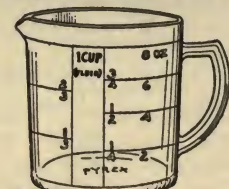
PLATTERS



Oval

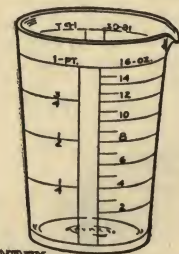
Each
No. 316—Length 15 in., width 11 $\frac{1}{8}$ in., depth $\frac{7}{8}$ in.; wt. per case 28 lbs.\$1.65
One in a carton, six in a case.

MEASURING CUPS



Round

Each
No. 8—Capacity 8 ozs., graduated in cups and ozs.; wt. per case 10 lbs.\$0.25
One in a carton, twelve in a case.



Round

Each
No. 598—Capacity 16 ozs.; wt. per case 15 lbs.\$0.75
One in a carton, twelve in a case.

PERCOLATOR TOPS



Pyrex Style

Fits all standard style percolators and pots.
Each
No. 853—2 $\frac{1}{2}$ in. diameter; wt. per hundred 23 lbs.\$0.05
One hundred forty-four in a case.

STAMPED ALUMINUM WARE

"PURE" COFFEE MAKERS



Polished finish; coffee basket and water section graduated for accurate measuring.

Nos.	7591L	7591½L	7592L
Cap., cups	4	6	8
Dozen in case	1	1	1
Wt. doz., lbs.	10	14	16
Per dozen	\$10.00	12.60	14.70

"COMET" COFFEE PERCOLATORS

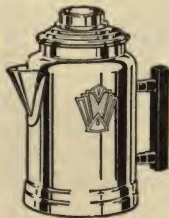


Polished finish; wide, quick-heat bottom; non-burning handle.

Nos.	5571C	5571½C
Cap., cups	4	6
Cap., qts.	1	1½
Dozen in case	1	1
Wt. dozen, lbs.	12	15
Per dozen	\$12.50	15.00

Nos.	5572C	5573C
Cap., cups	8	12
Cap., qts.	2	3
Dozen in case	1	½
Wt. dozen, lbs.	16	20
Per dozen	\$15.60	19.50

"PURE" COFFEE PERCOLATORS



Polished finish; wide, quick-heat bottom.

Nos.	7911L	7911½L	7912L
Cap., cups	4	6	8
Cap., qts.	1	1½	2
Dozen in case ..	1	1	1
Wt. doz., lbs. ...	11	13	14
Per dozen	\$10.40	11.60	13.00

Nos.	7913L	7914L
Cap., qts.	12	16
Cap., qts.	3	4
Dozen in case	½	½
Wt. dozen, lbs.	17	23
Per dozen	\$16.00	21.00

"COMET" TEA KETTLES



Polished finish; wide quick heat, satin finish bottom. Conveniently filled through spout.

Nos.	7075C	7076½C	7078C
Cap., qts.	5	6½	8
Dozen in case..	½	½	½
Wt. dozen, lbs.	23	26	31
Per dozen	\$21.00	25.00	28.00

"PURE" TEA KETTLES



Polished finish; wide quick-heat bottom, conveniently filled through spout.

Nos.	1845L	1846½L
Cap., qts.	5	6½
Dozen in case	½	½
Wt. dozen, lbs.	16	17
Per dozen	\$18.40	20.70

"PURE" WHISTLING TEA KETTLES



Polished finish; clinched bottom, blue enameled bird, blue enameled steel handle.

No. 1822L—Capacity 2 qts.; wt. per dozen 12 lbs.	Per dozen \$12.00
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One in a carton, one dozen in a case.

"COMET" DOUBLE BOILERS



Polished finish; wide quick-heat satin finish bottom; close-fitting easy-grip handles.

Nos.	7201½C	7202C
Cap. inset, qts.	1½	2
Cap. bottom, qts.	2	3
Dozen in carton	1	1
Wt. dozen, lbs.	14	17
Per dozen	\$15.80	18.00

"PURE" DOUBLE BOILERS



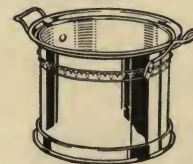
Polished finish; wide quick-heat bottom; close-fitting easy-grip handles.

Nos.	1141½L	1142L
Cap. inset, qts.	1½	2
Cap. bottom, qts.	2	2½
Dozen in case	1	1
Wt. dozen, lbs.	12	16
Per dozen	\$12.50	14.80

"PURE" CLAMPSEAL COOKERS



Polished finish; inset pan bright natural finish; rust-proof balls, corrugated tin-ened steel base.



Ideal for cold pack canning, holds five pint jars.

No. 8368L—Capacity cooker 8 qts., capacity pudding pan inset 1½ qts.; wt. per dozen 40 lbs.	Each \$2.20
One in a carton, one-half dozen in a case.	



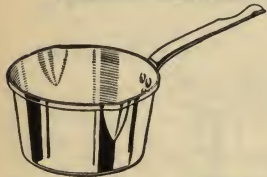
Polished finish, half pans, bright natural, wire rack.

Ideal for cold pack canning, holds three quart jars and one pint jar or five pint jars.

No. 8400L—Capacity cooker 10 qts., capacity half pans 1½ qts.; wt. per dozen 64 lbs.	Each \$4.00
One in a carton.	

STAMPED ALUMINUM WARE

"COMET" LIPPED SAUCE PANS



Polished; inside sun-ray finish; square bead set in finish bottom.

Nos.	6331C	6332C
Cap., qts.	1	2
Dozen in case ...	2	2
Wt. dozen, lbs. ..	5	7
Per dozen	\$4.80	7.20
Nos.	6333C	6334C
Cap., qts.	3	4
Dozen in case ...	2	1
Wt. dozen, lbs. ..	9	12
Per dozen	\$8.00	10.40

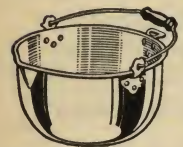
"PURE" LIPPED SAUCE PANS.



Polished; inside sun-ray finish.

Nos.	1001-PL	1002-PL
Cap., qts. ...	1	2
Doz. in case .	6	2
Wt doz., lbs. .	3	5
Per dozen ...	\$3.00	4.50
Nos.	1003-PL	1004-PL
Cap., qts. ...	3	4
Doz. in case .	2	2
Wt. doz., lbs..	6	10
Per dozen ...	\$5.50	8.00

"COMET" LIPPED PRESERVING KETTLES



Polished; inside sun-ray finish; bottom satin finish. Ideal for all preserving.

Nos.	7230C	7232C	7236C
Cap., qts.	10	12	16
Doz. in case ...	1/2	1/2	1/2
Wt. doz., lbs. ..	20	25	30
Per dozen	\$17.00	20.00	22.70
Nos.	7238C	7240C	
Cap., qts.	18	20	
Doz. in case ...	1 1/2	1 1/2	
Wt. doz., lbs. ...	44	48	
Per dozen	\$30.00	32.80	

"COMET" COVERED KETTLES



Polished inside sun-ray finish; bottom satin finish; recessed cover prevents boiling over; square bead.

Nos.	7174C	7176C	7178C
Cap., qts.	4	6	8
Doz. in case ...	1	1/2	1/2
Wt. doz., lbs. ..	22	24	29
Per dozen	\$15.00	17.50	20.30

"PURE" COVERED KETTLES



Polished; inside sun-ray finish; recessed cover prevents boiling over.

Nos.	8764L	8766L	8768L
Cap., qts. ...	4	6	8
Doz. in case .	1	1	1/2
Wt. doz., lbs..	14	18	21
Per dozen ...	\$11.00	13.00	16.00

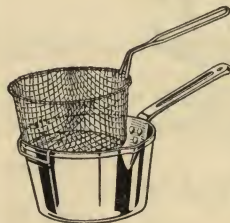
"PURE" KETTLE COVERS



Bright natural finish.

Nos.	8507L	8508L	8509L
Diam., in. .	7	8	9
Doz. in ctn. 1/2	1/2	1/2	1/2
Wt. dz., lbs. 1 1/2	2	2	2 1/2
Per dozen ...	\$1.70	1.90	2.50
Nos.	8509 1/2 L	8510L	8510 1/2 L
Diam., in. .	9 1/2	10	10 1/2
Doz. in ctn. 1/2	1/2	1/2	1/2
Wt. dz., lbs. 3	3 1/2	4	4
Per dozen ...	\$3.00	3.20	3.60
Nos.	8511L	8511 1/2 L	8512L
Diam., in. .	11	11 1/2	12
Doz. in ctn. 1/2	1/2	1/2	1/2
Wt. dz., lbs. 4 1/2	5	5	5
Per dozen ...	\$4.00	4.40	4.80

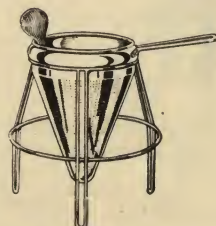
"COMET" DEEP FAT OR FRENCH FRYERS



Polished; inside sun-ray finish, rust-proof fine mesh wire basket fitting close to sides and bottom of pan permits using minimum fat and gives extra large frying capacity.

No. 7143C—Capacity 3 qts.; wt. per dozen 17 lbs.	\$16.40
One-half dozen in a carton.	

"VIKO" ROTARY FOOD PRESSES



Bright natural finish, inside sun-ray finish.

Extra quality hard aluminum sieve. Rust-proof rigid steel frame. Rices potatoes, presses fruit, strains vegetables, etc.

No. 2518—Height over all 9 in., dia. cone 6 1/2 in., depth cone 8 in.; wt. per dozen 21 lbs.	\$18.70
One-quarter dozen in a carton.	

"PURE" ALUMINUM COLANDERS



Polished; inside sun-ray finish.

Nos.	8325PL	8326PL
Cap., qts.	3	5
Diam., in.	9	11
Dozen in case ...	1	1
Wt. dozen, lbs. ..	8	9
Per dozen	\$8.00	10.00

"COMET" ROUND DISH PANS



Polished; inside sun-ray finish.

Nos.	7614C	7617C
Cap., qts.	14	17
Inches	17x5 1/8	18 5/8 x 5 1/2
Dozen in case ...	1	1
Wt. doz., lbs....	22	25
Per dozen	\$19.20	22.00

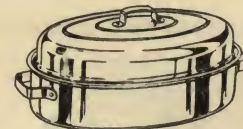
"COMET" PUDDING PANS



Polished, inside sun-ray finish. Wide flange for easy handling.

Nos.	7111C	7112C
Cap., qts.	1	2
Dozen in case	2	2
Wt. dozen, lbs. ...	3	4
Per dozen	\$3.60	5.00
Nos.	7113C	7114C
Cap., qts.	3	4
Dozen in case	2	1
Wt. dozen, lbs. ...	5	7
Per dozen	\$6.30	7.40

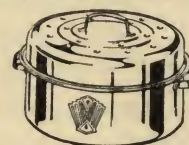
"COMET" OVAL ROASTERS



Polished finish; self-basting cover.

Nos.	7656C	7657C	7658C
Cap., lbs.	6-7	8-10	12-14
Inches	15x9 1/4	17x10 5/8	17 7/8 x 11 1/2
Dozen in case . 1/2	1/2	1/2	1/2
Wt. dozen, lbs. 29	33	38	
Per dozen	\$22.00	26.00	30.00

"PURE" ROUND ROASTERS



Polished finish; self-basting cover.

No. 7277L—Cap. 3-5 lbs., diam. 11 in.; wt. per doz. 16 lbs.	\$11.70
One dozen in a case.	

STAMPED ALUMINUM WARE

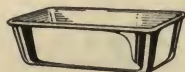
"COMET" BAKING PANS



Polished.

Nos.	7514C	7515C	7516C
Inches	13 $\frac{3}{4}$ x10	14 $\frac{1}{2}$ x10 $\frac{3}{8}$	16 $\frac{1}{4}$ x11 $\frac{1}{4}$
Depth, in. .	2	2	2 $\frac{1}{4}$
Doz. in case.	1	1	1
Wt. doz., lbs.	10	11	14
Per dozen ..	\$11.00	12.50	15.60

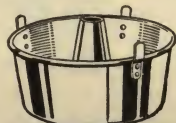
"PURE" BREAD PANS



Bright natural finish.

No. 8059NL—Length 9 $\frac{5}{8}$ in.; width 5 $\frac{1}{2}$ in., depth 2 $\frac{3}{4}$ in.; wt. per dozen 3 $\frac{1}{2}$ lbs.	\$4.00
Open stock.	

"COMET" ANGEL FOOD CAKE PANS



Polished; inside sun-ray finish.

No. 7214C—Capacity 4 $\frac{1}{2}$ qts., diameter top 10 in., depth 4 $\frac{1}{8}$ in.; wt. per doz. 9 lbs.	\$11.00
One dozen in a carton.	

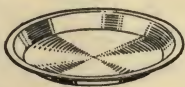
"COMET" DEEP LAYER CAKE PANS



Polished, inside sun-ray finish; straight sides for perfect layer cakes.

No. 7375PC—Diameter top 9 $\frac{1}{2}$ in., depth 1 $\frac{1}{2}$ in.; wt. per dozen 4 lbs.	\$4.30
Open stock.	

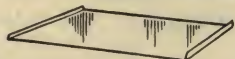
"PURE" PIE PLATES



Bright natural finish.

Nos.	8009NL	8010NL
Diam., in.	9	10
Depth, in.	$\frac{7}{8}$	1
Wt. dozen, lbs.	1 $\frac{3}{4}$	2
Per dozen	\$1.70	2.00
Open stock.		

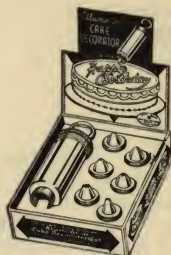
"VIKO" COOKY SHEETS



Bright natural finish, hard rolled aluminum.

Nos.	5406	5407
Inches	15 $\frac{1}{2}$ x12	17x14
Dozen in case	2	2
Wt. dozen, lbs.	11	13
Per dozen	\$14.00	15.60

CAKE DECORATOR SETS



Decorator polished; six height natural tips; rust-proof.

Per dozen	
No. 2804—Diameter 1 $\frac{1}{2}$ inch, length 6 $\frac{1}{4}$ in.; wt. per dozen 5 lbs.	\$4.40
One set in a display carton.	

COOKY PRESSES



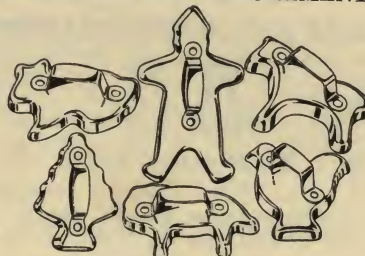
Polished, stain - resisting finish.

For making rich butter cookies, cream candies, sea-foam, etc.

Simple to use, easy to clean, complete with 10 design-forming plates.

Per dozen	
No. 2798A—Diameter 2 in., length 7 in.; wt. per dozen 16 lbs.	\$16.00
One set in a display carton.	

COOKY CUTTER ASSORTMENTS



Bright natural finish; green enameled handles; rust-proof; seamless; easy to clean.

Contents of Set

- 2—Christmas Tree, 3x4 in.
- 2—Chicken, 3 $\frac{3}{8}$ x3 $\frac{1}{2}$ in.
- 2—Rabbit, 3x4 in.
- 2—Lion, 2 $\frac{5}{8}$ x4 $\frac{3}{8}$ in.
- 2—Horse, 3 $\frac{1}{2}$ x4 $\frac{3}{8}$ in.
- 2—Ginger bread man, 3 $\frac{3}{4}$ x6 in.

Per assortment	
No. 2440—Consists of 2 each of the cutters illustrated and described above; wt. per assortment $\frac{3}{4}$ lb.	\$0.80
One assortment in a carton.	



Bright natural finish; green enameled handles; rust - proof; seamless; easy to clean.

Contents of Set

- 4—Star, 3 $\frac{1}{4}$ in.
- 4—Heart, 3 $\frac{1}{4}$ x3 $\frac{1}{4}$ in.
- 4—Round, 3 $\frac{1}{4}$ in.

Per assortment	
No. 2574—Consists of 4 each of the cutters illustrated and described above; wt. per assortment $\frac{3}{4}$ lb.	\$0.80
One assortment in a carton.	

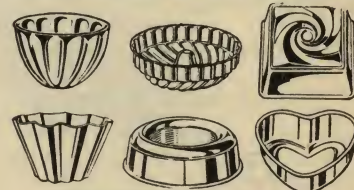
COOKY AND DOUGHNUT CUTTERS



Bright natural finish; green enameled handle; rust-proof; seamless; inside cutter detachable.

Per dozen	
No. 2573—Diam. 2 $\frac{3}{4}$ in.; wt. per dozen 1 $\frac{3}{4}$ lbs.	\$1.60
One dozen in a carton.	

INDIVIDUAL JELLY MOULDS



Bright natural finish.

Per assortment	
No. 2864—Two each of six assorted designs; wt. per assortment $\frac{3}{4}$ lb.	\$0.80
One assortment in a carton.	

MEASURING SPOONS



Bright natural finish. Capacities of spoons; $\frac{1}{4}$, $\frac{1}{2}$ and 1 teaspoon and 1 tablespoon.

Per dozen	
No. 2576—5 in. long; wt. per dozen 1 $\frac{1}{4}$ lb.	\$1.60

One dozen cards in a carton.

MEASURING CUPS



Bright natural finish. "Third" and "fourth" cup graduations embossed.

Conforms to U. S. Bureau of Standards Specifications.

Per dozen	
No. 2310N—Cap. 1 cup; weight per dozen 1 lb.	\$1.40
One dozen in a carton.	



Bright natural finish. "Third and "half" cup graduations embossed.

Conforms to U. S. Bureau of Standards Specifications.

Per dozen	
No. 2324N—Cap. 2 cups; weight per dozen 1 lb.	\$1.60
One dozen in a carton.	

COLLAPSIBLE CUPS



Bright natural finish.

Nos.	2201	2206N
Cap., ozs.	2 $\frac{1}{2}$	4 $\frac{1}{2}$
Dozen in carton	1	1
Wt. dozen, lbs.	$\frac{1}{2}$	1
Per dozen	\$1.30	1.60

STAMPED ALUMINUM WARE

STRAIGHT CUPS

Bright natural finish.

Per dozen
No. 2307-N—Cap. 14
ozs.; wt. per doz.
1¼ lbs.\$1.50

One dozen in a carton.

CREAM DIPPERS



Polished finish, designed for removing cream from bottles.

Per dozen
No. 2825—Length 8¼ in., diam. bowl
1 in.; wt. per doz. ¾ lb.\$1.60
One dozen in a carton.

DIPPERS



Bright natural finish, hole for hanging.

Per dozen
No. 3318—Cap. ¾ pt., length 13 in.
wt. per doz. 2½ lbs.\$1.70
One dozen in a carton.



Bright natural finish; special three rivet socket will not bend or break.

Nos.	2985N	2985N
Cap., pts.	¾	1
Length, in.	13½	14¼
Doz. in carton .	1	1
Wt. doz., lbs. ..	2½	2½
Per dozen	\$2.20	2.40

LADLES



Bright natural finish.

Per dozen
No. 2972—Cap. 6½ ozs., length 11¼
in.; wt. per doz. 2 lbs.\$1.50
One dozen in a carton.

"PURE" WATER PITCHERS



Polished; deep, well formed lip for accurate pouring.

Nos.	3482½L	3484L
Cap., qts.	2½	4
Dozen in case ...	1	½
Wt. doz., lbs.	12	16
Per dozen	\$9.60	12.00

SYRUP PITCHERS



Polished, dripless, removable inset. Spring closing cover.

Per dozen
No. 2875—Cap. 1 pt.; wt. per doz.
5 lbs.\$8.00
One dozen in a carton.

FRUIT JAR FUNNELS



Bright natural finish.

Per dozen
No. 2929N—Cap. 9 ozs., diam. top
4½ in., diam. bottom 2½ in.;
wt. per doz. 1¼ lbs.\$1.90
One dozen in a carton.

DINNER PAILS



Polished; inset and tray bright natural finish; large bottom vessel for liquids.

Per dozen
No. 7777L—Cap. 4½ qts. cap., inset
3 qts.; wt. per doz. 27 lbs. ..\$22.00
One in a carton.

SALT AND PEPPER SHAKERS



Bright natural finish.

Per dozen
No. 2361½N—Diam. 2⅞ in., height
2⅞ in.; wt. per doz. 2 lbs.\$1.00
One dozen assorted in a carton.

FLOUR SHAKERS



For Salt, Flour or Sugar

Polished finish, will not corrode, salt does not clog perforations.

Per dozen
No. 2485N—Height 3¾ in.; diam.
2⅞ in.; wt. per doz. 1¾ lbs. ..\$1.60
One dozen in a carton.

SALT AND PEPPER SHAKERS



Bright natural finish, knurled tops.

	Salts Only	Peppers Only
Nos.	S2474	P2474
Height, in.	3	3
Diam., in.	2	2
Dozen in carton ...	1	1
Wt. dozen, lbs.	1	1
Per dozen	\$1.50	1.50

CLOTHES SPRINKLERS



Bright natural finish, fits any ordinary bottle.

Per dozen
No. 2571—Diam. ⅝
in.; wt. per
doz. ½ lb.\$0.72

One dozen in a carton.

EGG AND VEGETABLE SLICERS



Bright natural finish.

Per dozen
No. 2547½—Length 4 in., width 3¼
in.; wt. per doz. 2½ lbs.\$1.70
One dozen in a carton.

TEA BALLS



Bright natural finish. Rust-proof chain and hook.

Per dozen
No. 2556N—Diam. 2
in.; height 2⅞
in.; wt. per doz.
¾ lb.\$1.50
One dozen in a carton.

COFFEE BALLS



Bright natural finish, graduations embossed on side.

Per dozen
No. 2560N—Diam. 2⅞
in., height 3 in.; wt.
per doz. 1¼ lbs. ..\$1.60
One dozen in a carton.

PERCOLATOR INSETS



Natural finish.

No.	1981	1982	1983
Top, in.	3¼	3⅝	4⅝
Height, in.	5⅝	6⅞	8
For percolators, qts.	1	2	3
Dozen in carton	½	½	½
Wt. dozen, lbs.	1½	2	2½
Per dozen	\$2.00	2.20	3.10

Nos.	1981½	1982	1983
Top, in.	3⅝	3⅝	4⅝
Height, in.	6	6⅞	8
For percolators, qts.	1½	2	3
Doz. in carton ..	½	½	½
Wt. doz., lbs.	2	2	2½
Per dozen	\$2.10	2.20	3.10

PERCOLATOR HANDLES



Hardwood handle, black baked enameled finish, complete with nuts and bolts.

Nos.	9881	9882	9883
For perc., qts.	1	1½&2	3&4
C. to C. of bolts, in. 2¼	3⅞	3⅞	4
Wt. per doz., lbs. 1½	1¾	1¾	2
Per dozen	\$1.50	1.60	1.70

One dozen cards in a carton.

CAST ALUMINUM WARE

TEA KETTLES

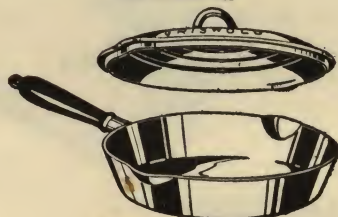


Colonial Pattern

Nos.	535	536	538
Capacity, qts.	5	6	8
Wt. each, lbs.	4½	5	6
Each	\$6.70	7.20	8.50

One in a carton.

SKILLETS



Without Covers

Wood handle with rubberoid finish.			
Nos.	207	208	209
Diam., in.	9½	10¼	11½
Depth, in.	1½	1½	2½
Wt. each, lbs.	1½	1½	2½
Each	\$2.80	3.20	3.40

Open stock.

SELF-BASTING SKILLET COVERS

Nos.	208-C	209-C
For skillet, nos.	208	209
Wt. each, lbs.	1½	1½
Each	\$2.40	2.80

Open stock.

LIPPED SAUCE PANS



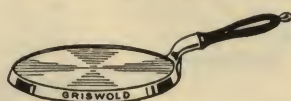
With Self-Basting Cover

Wood handle with rubberoid finish.

Nos.	412	413	414
Capacity, qts.	2	3	4
Diameter, in.	7½	8½	9
Depth, in.	3½	4½	5
Wt. each, lbs.	2¼	2½	3
Each	\$4.00	4.80	5.60

Open stock.

HANDLED GRIDDLES



Rubberoid Finish Wood Handles

No. 309—Diameter top 10½ in.; wt. each 1½ lbs.	Each	\$3.20
Open stock.		

CAST ALUMINUM WARE

GRIDDLE BROILERS



Griddle on one side, Broiler with Grease Groove on other side.

Each

No. 3514—Diameter griddle top 12 in., diameter broiler top, including grease groove, 13½ in.; wt. each 2½ lbs.	\$3.40
Open stock.	

"TITE-TOP" DUTCH OVENS



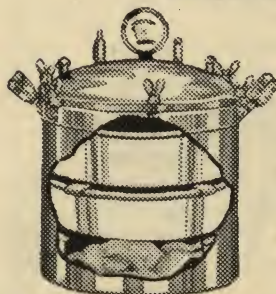
With Self-Basting Cover and Trivet

Can be used for top stove and oven cooking.

Each

No. 465—Capacity 5 qts., diam. 9½ in., depth 3½ in.; wt. each 5½ lbs.	\$7.30
One in a carton.	

STEAM PRESSURE COOKERS NATIONAL



Cooks in one-third of the ordinary time. Cooks with little or no water in foods, thereby, conserving the natural juices and mineral salts of the food.

Cooks an entire meal at

once in 15 to 30 minutes.

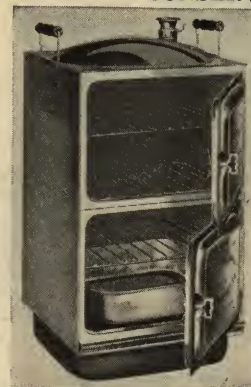
Made of pure heavy cast aluminum, accurately machined and beautifully polished. Has steam tight cover, clamped on by locking bolts; steam gauge on cover, and safety control valve.

Equipped with a set of aluminum pans, one of which is perforated; rack with adjustable legs; lifters; cross pieces; and recipe book.

Nos.	10	12	18	25
Liquid cap., qts.	10	12	18	25
Interior height in.	8¼	9	10½	11½
Interior dia., in.	9	10	11½	12½
Holds pt. jars .	5	6	9	18
Holds qt. jars .	3	4	5	7
Wt. each, lbs. .	14	16	22	25
Each	\$15.50	17.50	20.50	25.50
One in a carton.				

STEAM COOKERS AND CANNERS

CONSERVO



Constructed of fine quality tin plate, seamless copper bottom tank, two double walled doors with brass hinges, has warning whistle that blows when water is low.

Cooks entire meal on

one burner with live steam, retains the natural flavor and mineral salts of the foods.

Ideal for cold pack canning. Holds fourteen one-quart jars.

Complete with four removable shelves and one pan

Each

No. 20—Height 12½ in., 11¼ in. square, shipping weight each 19 lbs.	\$13.70
One in a carton.	

SANITARY FRUIT CANS

WAXED TOP

Top is indexed and the contents can be indicated by a scratch.

Easily sealed with sealing wax greatly improves the flavor of the fruit, cannot break when boiling water is used to clean.



Bright Tin, Ends Double Seamed, Sides Soldered on Outside

No. 1—Cap. 1 qt., diam. 4¼ in., height 4½ in.; wt. per gross 46 lbs.	\$12.00
One-half gross in a crate.	

SYRUP PAILS

FRICTION TOP

Round, plain tin, all seams soldered, equipped with ears and strong wire bail, No. 2½ has no bail.

Nos. .	2½	5	10
Cp., lbs. 2½	5	10	
Wt. ctn.			

lbs. .	17	28	49
Per 100	\$9.00	14.50	18.50

Fifty in a carton.

LARD CANS

Double seamed bottoms, tight fitting covers, wire drop handles securely riveted to sides.

Two nests to a crate, each nest contains 1 each of 6, 8, and 10 gallon lard cans.

Per crate

No. 6810—Wt. per crate 21 lbs. ...	\$6.00
Six cans in a crate.	

TINWARE DISH PANS

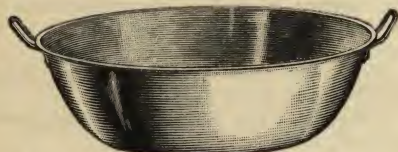


Stamped, 5A rust resisting charcoal plate, retinned heavy wired broad rim, large handles.

Nos.	614H	617H	621H
Cap., qts.	14	17	21
Wt. doz., lbs. .	39	43	47
Per dozen	\$17.50	19.50	21.20

One-half dozen in a carton.

RINSING PANS



Stamped IC tin, plain.

Nos.	010	014	017
Tr. cap., qts. .	10	14	17
Act. cap., qts. .	8	11½	13½
Inches	14¾x4½	16x5	18x5½
Wt. doz., lbs. .	16	21	27
Per dozen ...	\$4.10	4.60	6.00

Three dozen in a carton.

WASH BOWLS

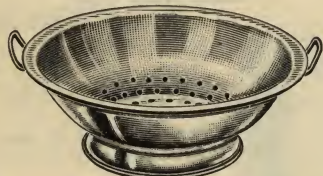


Stamped, IC tin, plain.

Nos.	07	08
Cap., qts.	2½	3¾
Diam., in.	11½	13
Wt. doz., lbs.	7	8
Per dozen	\$1.70	2.10

One gross in a carton.

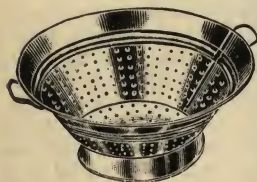
COLANDERS



Stamped, retinned, side handles.

No. 306—Diameter 11½ in.; wt. per dozen 15 lbs.	\$7.00
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Open stock.



Pieced IC tin, side handles.

Nos.	10	11
Diam., in.	10	10½
Wt. dozen, lbs.	7¾	8¾
Per dozen	\$3.40	4.30

One dozen in a carton.

TINWARE



POT COVERS

Heavy IC tin; large heavy ring.

Nos.	7	7½	8	8½	9
Inches	7	7½	8	8½	9
Wt. doz., lbs.	2	2	3	3	3¾
Per dozen	\$0.70	.70	.72	.80	.90

Nos.	9½	10	10½	11
Inches	9½	10	10½	11
Wt. doz., lbs.	3¾	3¾	4	4½
Per dozen	\$1.00	1.04	1.10	1.20

Nos.	11½	12	12½	13
Inches	11½	12	12½	13
Wt. doz., lbs.	4½	4¾	5	5½
Per dozen	\$1.40	1.50	1.50	1.60

Nos.	13½	14	14½	15
Inches	13½	14	14½	15
Wt. doz., lbs.	5½	6	6¾	7
Per dozen	\$1.80	2.00	2.50	3.00

One dozen of a size in a package.



STEAMERS

Pieced, IC rimmed cover.

Nos.	80	90
Inches	10¼x5	11¼x5
Wt. per doz., lbs.	20	25
Per dozen	\$8.50	10.50

One-half dozen in a carton.



ROUND COVERED PAIS

Pieced, IC tin, low pattern, wire bail.

Nos.	2	3	4
Cap., qts.	2	3	4
Inches	5⅞x4	6⅞x4⅞	7⅞x5
Wt. doz., lbs. .	8½	10	11¾
Per dozen	\$2.10	2.70	3.30

One dozen in a carton.

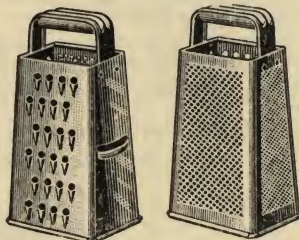
GRATERS

Boxed, pieced, IC, plain, for grating nutmeg.

No.	02
Inches	2x5
Weight dozen, lbs.	1
Per dozen	\$0.70

Open stock.

COMBINATION GRATER, SLICER AND CUTTER



For slicing, cutting and grating either coarse or fine. Bossed handles.

No. 150—Height 7½ in., length 4¼ in., width ¾ in.; wt. per doz. 5 lbs.	\$1.70
---	--------

Three dozen in a carton.

TINWARE DRINKING CUPS



Pieced, IC tin, straight sides.

Nos.	2	4	5
Cap., pts.	1	2	4
Inches	3½x2¾	4½x3¾	5⅞x4½
Wt. doz., lbs. .	2	5	6
Per dozen ...	\$0.60	1.50	1.80

Open stock.

CUP DIPPERS

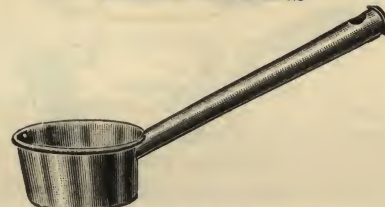


Stamped, retinned, flat hook handle.

No. 10—Cap. ¾ pt. 4½x2 in.; wt. per dozen 5 lbs.	\$3.40
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Open stock.

WATER DIPPERS



Stamped IC tin, plain.

Nos.	2	4
Tr. cap., pts. ...	1	2
Act. cap., pts. ...	¾	1¼
Inches	4⅞x1⅞	5⅞x2⅞
Wt. doz., lbs. ...	2½	3
Per dozen	\$1.50	1.70

Two dozen in a carton.

SUDS DIPPERS

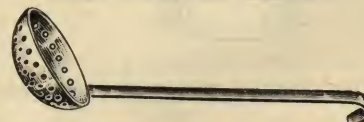


Pieced, IC tin bottom, 5 inch handle.

No. 300—Cap. 2¼ qts., 7½x4¾ in.; wt. per dozen 8 lbs.	\$2.40
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Open stock.

DEEP PIERCED LADLES



Stamped, retinned, flat hook handle.

No. 10—Diam. bowl 4 in.; wt. per dozen 4¼ lbs.	\$3.00
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Two dozen in a carton.

DEEP SOLID LADLES

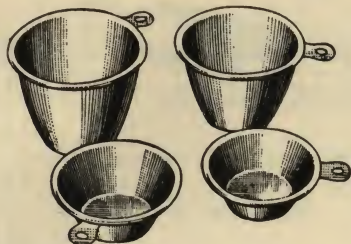


Stamped, retinned, flat hook handle.

No. 010—Diam. bowl 4 in.; wt. per dozen 4¾ lbs.	\$2.80
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Two dozen in a carton.

TINWARE MEASURING CUP SETS



Stamped, IC tin. Contents of set: 1 each $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, and 1 cup measures.

No. 77—Weight per set 7 lbs.\$0.36
One set in a carton.

GRADUATED MEASURES



Pieced, IC tin embossed graduations, graduated by $\frac{1}{2}$ pints, with lip.

Nos.	63	64
Cap., qts.	1	2
Inches	$3\frac{3}{4} \times 5\frac{3}{4}$	5×6
Dozen in carton	3	1
Wt. dozen, lbs.	$4\frac{1}{4}$	7
Per dozen	\$1.70	3.50

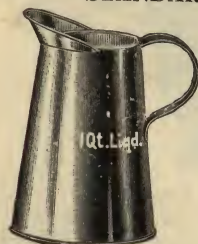
UTILITY MEASURES



Pieced IC tin, funnel attachment.

Nos.	84	85	86
Cap., qts.	1	2	4
Height, in.	$7\frac{1}{4}$	9	$11\frac{1}{8}$
Diam., in.	$4\frac{1}{4}$	$5\frac{3}{8}$	7
Dozen in carton	1	1	1
Wt. dozen, lbs.	$5\frac{1}{4}$	$8\frac{3}{4}$	$12\frac{3}{4}$
Per dozen	\$4.20	5.50	7.50

STANDARD MEASURES



Pieced, with lip, capacity embossed on side.

No.	223	224	225	226
Cap., qts.	$\frac{1}{2}$	1	2	4
Inches	$3\frac{3}{8} \times 4\frac{3}{8}$	$5\frac{1}{2} \times 7\frac{1}{2}$	$6\frac{1}{4} \times 9\frac{1}{4}$	
Dozen in carton	3	2	2	3
Wt. dozen, lbs.	3	6	6	7
Per dozen	\$2.50	\$3.00	4.50	5.60

TINWARE

FUNNELS



Pieced, IC tin, No. 60
IX tin, fluted spout.
No. 10
Pints $\frac{1}{4}$
Inches $2\frac{3}{4}$
Wt. doz., lbs. 1
Per dozen\$0.60

Nos.	15	20	25
Pints	$\frac{1}{2}$	1	2
Inches	$3\frac{3}{8}$	$4\frac{3}{8}$	$5\frac{3}{4}$
Wt. dozen, lbs.	$1\frac{1}{4}$	$1\frac{1}{2}$	2
Per dozen	\$0.70	.80	1.10
Nos.	30	35	60
Pints	4	8	12
Inches	$6\frac{1}{2}$	$7\frac{1}{2}$	$8\frac{3}{8}$
Wt. dozen, lbs.	3	$3\frac{1}{2}$	6
Per dozen	\$1.40	1.70	3.00

Nos. 10 to 35 three dozen; No. 60 two dozen in a carton.

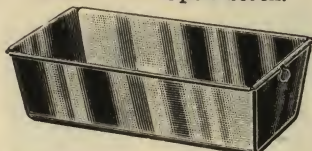
BREAD PANS



Pieced, IC tin, wired rim, folded ends, dripping pan shape.

Nos.	10	20	30
Length, in.	12	14	15
Width, in.	8	9	10
Depth, in.	$2\frac{3}{8}$	$2\frac{3}{8}$	$2\frac{3}{8}$
Wt. dozen, lbs.	9	12	13
Per dozen	\$3.50	4.00	4.60

Open stock.

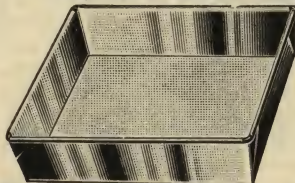


Pieced, IC tin, deep, wired, round corners.

Nos.	01	02	03
Length, in.	$9\frac{3}{4}$	$10\frac{1}{2}$	$11\frac{1}{2}$
Width, in.	$4\frac{1}{2}$	$5\frac{1}{4}$	6
Depth, in.	$3\frac{1}{4}$	$3\frac{1}{4}$	$3\frac{1}{4}$
Wt. dozen, lbs.	5	7	8
Per dozen	\$1.70	1.80	2.10

Open stock.

SQUARE JELLY CAKE PANS

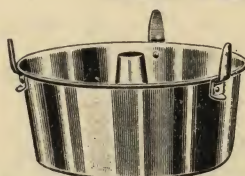


Pieced, IC tin, deep, wired.

Nos.	11	12	13
Inches	$8\frac{1}{8} \times 8\frac{1}{8}$	$9\frac{1}{8} \times 9\frac{1}{8}$	$10\frac{1}{8} \times 10\frac{1}{8}$
Depth, in.	$2\frac{1}{8}$	$2\frac{1}{8}$	$2\frac{1}{8}$
Wt. dozen, lbs.	$7\frac{1}{4}$	$8\frac{1}{2}$	$9\frac{3}{4}$
Per dozen	\$1.80	1.90	2.10

One dozen in a carton.

ANGEL CAKE PANS

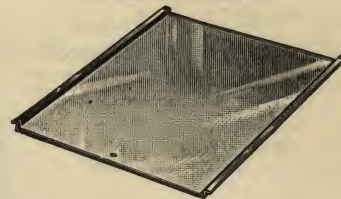


IX tin, seamless body, with tube.

Nos.	010	20
Grade of tinning.....	Plain	Retinned
Inches	$9\frac{1}{2} \times 3\frac{3}{8}$	$10 \times 4\frac{1}{2}$
Wt. dozen, lbs.	12	15
Per dozen	\$4.50	8.80

One gross in a carton.

TINWARE COOKY SHEETS



3A Charcoal tinplate, reflector finish.
Nos. 1
Inches $15\frac{3}{4} \times 15\frac{3}{4}$ $17\frac{3}{4} \times 18$
Weight dozen, lbs. 16 20
Per dozen \$5.30 6.70

UP SIDE DOWN CAKE PANS



IC tin.

No. 180—Diam. $10\frac{7}{8}$ in., depth 2 in.; wt. per dozen 7 lbs.\$2.00

SHELL PANS



Heavy IC tin, bakes a cake with a depression for fruit, whipped cream, etc.

No. 118—Diam. 8 in., depth $1\frac{1}{4}$ in.; wt. per dozen $4\frac{1}{2}$ lbs.\$1.90

ROUND JELLY CAKE PANS



Stamped, round, deep, plain.

Nos.	90	100
Inches	9x1	10×1
Weight per dozen, lbs.	$3\frac{1}{4}$	4
Per dozen	\$1.00	1.30

MOUNTAIN CAKE PANS



Stamped, plain.

Nos.	509	510
Inches	$9 \times 1\frac{3}{8}$	$10 \times 1\frac{3}{8}$
Wt. dozen, lbs.	$3\frac{1}{2}$	$4\frac{1}{2}$
Per dozen	\$1.30	1.40

SPEEDY CUT MOUNTAIN CAKE PANS



Stamped, plain, wide cutting blade.

Nos.	519	520
Inches	$9 \times 1\frac{3}{8}$	$10 \times 1\frac{3}{8}$
Wt. dozen, lbs.	$4\frac{1}{2}$	$5\frac{1}{2}$
Per dozen	\$1.30	1.50

All above, open stock.

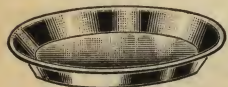
TINWARE PIE PLATES



Stamped, plain,
shallow.

Nos.	6	7	8
Inches	5 $\frac{5}{8}$ x1 $\frac{5}{8}$	6 $\frac{3}{4}$ x $\frac{5}{8}$	8 $\frac{1}{8}$ x $\frac{3}{4}$
Wt. dz., lbs.	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2 $\frac{1}{2}$
Per dozen ...	\$0.50	.60	.80
Nos.	9	10	
Inches	9x7 $\frac{7}{8}$	10x7 $\frac{7}{8}$	
Wt. per doz., lbs.	3	3 $\frac{1}{2}$	
Per dozen	\$0.90	1.00	

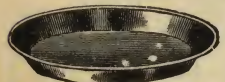
Open stock.



Stamped, plain,
deep.

Nos.	90	100
Inches	9x1	9 $\frac{5}{8}$ 1 $\frac{1}{4}$
Wt. per dozen, lbs.	3	3 $\frac{1}{2}$
Per dozen	\$0.90	1.00

Open stock.

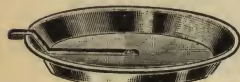


Stamped, plain,
deep.

No. 205—5 $\frac{1}{4}$ x5 $\frac{5}{8}$ in.; wt. per dozen	
1 $\frac{1}{8}$ lbs.	\$0.40

Open stock.

"SPEEDY CUT" PIE PLATES



Stamped, wide
cutting blade.

No. 219—9x1 $\frac{1}{4}$ in.; wt. per dozen	
4 lbs.	\$1.20

Open stock.

MUFFIN PANS

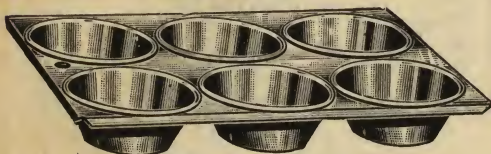


Stamped, plain.

Nos.	6	8	12
No. of cups ..	6	8	12
Size of cups .	3 $\frac{1}{4}$ x1	3 $\frac{1}{4}$ x1	3 $\frac{1}{4}$ x1
Inches	11x7 $\frac{1}{4}$	14 $\frac{1}{4}$ x7 $\frac{1}{4}$	14 $\frac{1}{4}$ x11
Wt. doz., lbs.	5	7	10
Per dozen ...	\$2.00	2.60	4.20

Open stock.

CORN CAKE PANS

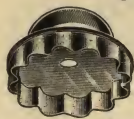


Stamped, plain.

Nos.	06	08	012
No. of cups ...	6	8	12
Size of cups .	3 $\frac{1}{4}$ x1 $\frac{1}{4}$	3 $\frac{1}{4}$ x1 $\frac{1}{4}$	3 $\frac{1}{4}$ x1 $\frac{1}{4}$
Inches	11x7 $\frac{1}{4}$	14 $\frac{1}{4}$ x7 $\frac{1}{4}$	14 $\frac{1}{4}$ x11
Wt. doz., lbs.	6	8	13
Per dozen ...	\$2.10	2.70	4.30

Open stock.

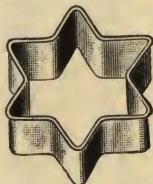
TINWARE COOKIE CUTTERS



IC, pieced, solid back.

Nos.	3 $\frac{1}{2}$	4
Diam., in.	3 $\frac{1}{2}$	4
Wt. dozen, lbs.	1	1
Per dozen	\$1.30	1.40

One dozen in a paper bag.



IX charcoal plate, open
back.

No. 5—3 $\frac{1}{4}$ x1 $\frac{1}{4}$ in.; wt. per dozen	
1 $\frac{1}{4}$ lbs.	\$1.20

Two dozen in a carton.



IX charcoal plate, open
back.

No. 05—2 $\frac{7}{8}$ x1 $\frac{5}{8}$ in.; wt. per dozen	
1 $\frac{1}{8}$ lbs.	\$0.90

Two dozen in a carton.

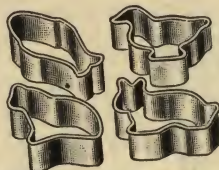
COOKIE CUTTER SETS



IX charcoal
plate, open backs.
Set consists of
one design each
hearts, clubs, dia-
monds, and
spades.

No. 110—Diameter each 1 $\frac{5}{8}$ in.; wt. per dozen sets 6 $\frac{3}{4}$ lbs.	\$5.00
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One set in display box, one dozen sets
in a carton.

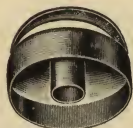


IX charcoal
plate, open backs.
Set consists of one
design each bird,
rabbit, fish, and
cat.

No. 210—Diameter each 1 $\frac{1}{4}$ in.; wt. per dozen sets 6 $\frac{3}{4}$ lbs.	\$5.00
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One set in display box, one dozen sets
in a carton.

DOUGHNUT CUTTERS

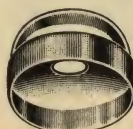


Pieced, IC tin, solid
back.

No. 3—Diam. 3 in.; wt. per doz. 1 lb.	\$1.10
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One dozen in a paper bag.

BISCUIT CUTTERS



Pieced, IC tin, solid
back.

No. 2 $\frac{1}{2}$ —Diam. 2 $\frac{1}{2}$ in.; wt. per doz. 1 lb.	\$0.65
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One dozen in a paper bag.

TINWARE THUMB SCOOPS



Stamped, retinned, ring handle.

No. 12—5 $\frac{1}{8}$ x3 in.; wt. per dozen	
1 $\frac{3}{8}$ lbs.	\$1.90

One gross in a carton.

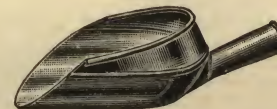
GROCERS' SCOOPS



Stamped, retinned, open.

Nos.	3	4
Inches	7 $\frac{3}{4}$ x5 $\frac{3}{8}$	9 $\frac{1}{2}$ x6 $\frac{5}{8}$
Wt. doz., lbs. ...	4 $\frac{3}{4}$	9 $\frac{3}{4}$
Per dozen	\$5.40	6.70

One dozen in a carton.

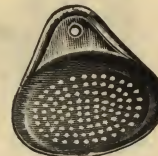


Stamped, retinned, covered.

Nos.	20	30	40
Inches	6 $\frac{7}{8}$ x4 $\frac{1}{2}$	7 $\frac{3}{4}$ x5 $\frac{3}{8}$	9 $\frac{1}{2}$ x6 $\frac{5}{8}$
Wt. dozen, lbs.	4 $\frac{3}{4}$	6 $\frac{1}{4}$	9 $\frac{3}{4}$
Per dozen ...	\$7.00	8.00	10.00

One dozen in a carton.

MILK SKIMMERS



Stamped, plain, pierced

No. 45—6 $\frac{3}{8}$ x5 $\frac{5}{8}$ in.; wt. per doz.	
1 $\frac{3}{8}$ lbs.	\$1.00

Open stock.

MILK AND CREAM STIRRERS



Welded.

No. 11—Length 26 in.; wt. per doz.	
15 lbs.	\$8.00

One gross in a carton.

Perforated Disc

No. 10—Length 26 in.; wt. per doz.	
15 lbs.	8.00

One dozen in a carton.

WE FEATURE



Subjected to rigid factory inspection. Conforming to legal requirement.



A quality line of Metalware that has stood
the test for more than a quarter
of a century



WE FEATURE



Rigid factory inspection—oversized and true to gauge—



A quality line of Metalware that has stood
the test for more than a quarter
of a century



DAIRY TINWARE
FLARING PAIRS



IC tin, wire
bail with
enameled wood
grip, riveted,
ears.

Nos.	08	010
Trd. cap., qts.	8	10
Act. cap., qts.	6¼	8¼
Inches	9¾x7½	10¼x8½
Wt. dozen, lbs.	11	12½
Per dozen	\$3.70	4.20

Two dozen in a carton.

DAIRY PAIRS



Special, Bright IXL Tin Plate

Per dozen
No. 131—Cap. 13 qts., height 10¼
in., diam. top 12 in., diam. bot-
tom 8¾ in.; wt. per doz 42. lbs..\$6.50

Full IX Bright Tin Plate

Nos.	1101	1301	1501
Cap., qts.	11	13	15
Height, in.	9¾	10¼	10½
Dia. top, in.	11½	12	12½
Dia. bottom, in.	8¾	8¾	9¼
Wt. dozen lbs.	34	37	39
Per dozen	\$7.50	8.40	9.00

Regular, 2X charcoal plate, mirror
finish, large ears

Nos.	2212	2214	2216
Cap., qts.	13	14½	16½
Height, in.	10¼	10½	11
Dia. top, in.	12	12½	13¼
Dia. bottom, in.	8¾	9¼	9½
Wt. dozen, lbs.	43	45	49
Per dozen	\$12.50	13.70	15.00

Sanitary, 2X charcoal plate, soldered
throughout, reinforced ears

Nos.	2212S	2214S	2216S
Cap., qts.	12	14½	16½
Height, in.	10¼	10½	11
Dia. top, in.	12	12½	13¼
Dia. bottom, in.	8¾	9¼	9½
Wt. doz., lbs.	43	46	50
Per dozen	\$16.30	17.50	19.00

All above, one dozen in a carton.

DAIRY TINWARE
SWISS DAIRY PAIRS



IX Bright
Tin Plate

Per dozen
No. 133L—
Cap. 12
qts., hght.
10¾ in.,
diam. top
11¼ in.,
bottom 8¾
in.; wt.
per doz.
34 lbs. \$8.40

Heavy Charcoal Plate, Mirror Finish

Nos.	2114L	2216L
Grade	IX	2X
Cap. qts.	14	16
Height, in.	12½	12¾
Dia. top, in.	11½	12
Dia. bottom, in.	8¾	8¾
Wt. dozen, lbs.	39	40
Per dozen	\$13.20	14.00



Sanitary, IX
Bright Tin
Plate

Per dozen
133LS—Cap.
12 quarts,
hght. 10¾
in., diam.
top 11¼
in., diam.
bottom 8¾
in.; wt.
per dozen
35 lbs.\$12.00

Heavy Charcoal Plate, Mirror Finish

Nos.	2114LS	2216LS
Grade	IX	2X
Cap., qts.	14	16
Height, in.	12¾	12¾
Dia. top, in.	11½	12
Dia. bottom, in.	8¾	8¾
Wt. dozen, lbs.	40	50
Per dozen	\$15.00	17.50

All above, one dozen in a carton.



DAIRY TINWARE
HOODED PAIRS



IX Bright
Tin Plate

Per doz.
No. 1113H,
Cap. 12 qts.,
hght. 10 in.,
diam. top
12½ in., di-
am. bottom
8½ in.; wt.
per doz. 64
lbs. \$21.20

2X Heavy Charcoal Plate, Mirror Finish

Nos.	2212H	2214H
Cap., qts.	12	14
Height, in.	10¼	10½
Dia. top, in.	12	12½
Dia. bottom, in.	8¾	9¼
Wt. dozen, lbs.	70	73
Per dozen	\$28.20	30.00

One in a carton.

STRAINER PAIRS



Heavy Charcoal Plate, Mirror Finish
Fine mesh strainer.

Nos.	113	22	24
Grade	IXL	2X	2X
Cap., qts.	12	12	14
Height, in.	10	10	10½
Dia. top, in.	12½	12½	12½
Dia. bottom, in.	8½	8½	9¼
Dozen in carton ..	½	½	½
Wt. doz., lbs.	51	93¼	96
Per dozen	\$16.00	25.00	27.50

MILK CANS

One piece breast welded to body, welded side seams,
extra heavy rolled bottom, soldered and securely riveted,
strap handles, sunken cover.

Regular Weight

Nos.	65	78	710
Capacity, gals.	5	8	10
Diameter neck, in.	6½	7¼	7¼
Weight each, lbs.	11½	15½	17½
Each	\$5.60	7.00	7.20

Heavy Weight

Nos.	78T	710T
Capacity, gals.	8	10
Diameter neck, in.	7¼	7¼
Weight each, lbs.	19½	23
Each	\$7.50	8.00

Open stock.

DAIRY TINWARE

CREAM CANS



Bright Coke,
Tin

IX sides and bottoms, wire-bail with heavy natural wood grip.

With outside cover.

Nos.	10-0	14-0	20-0
Cap., qts.	10	14	20
Height, in. . .	9½	13¼	19¼
Wt. doz., lbs..	36	43	56
Per dozen ...	\$8.40	9.60	12.00

With deep inside cover, specifications same as above.

Nos.	10-D0	14-D0	20-D0
Wt. doz., lbs..	39	46	67
Per dozen ...	\$10.00	11.50	13.50

Heavy Charcoal Plate, Mirror Finish

IX sides and 2X bottoms; heavy bail with heavy natural finish wood grip.

With outside cover.

Nos.	1114	1120
Cap., qts.	14	20
Height, in.	13¼	19¼
Wt. doz., lbs.	47	61
Per dozen	\$14.00	16.00

With deep inside cover, specifications same as above.

Nos.	14D	20D
Wt. dozen, lbs.	49	63
Per dozen	\$16.00	18.50

All above, one-half dozen in a carton.

MILK KETTLES



Heavy charcoal plate; seamless retinned breast and neck; sanitary seamless cover; heavy rolled bottom; sanitary soldered heavy steel bail.

Nos.	241	281
Cap., qts.	4	8
Grade tin, side	2X	3X
Grade tin, bottom ..	3X	4X
Dozen in carton	½	½
Wt. dozen, lbs.	27	38
Per dozen	\$18.00	26.00

Nos.	123	320
Cap., qts.	12	20
Grade tin, side	4X	4X
Grade tin, bottom ..	6X	6X
Dozen in carton	½	½
Wt. dozen, lbs.	52	72
Per dozen	\$30.00	41.00

DAIRY TINWARE

MILK KETTLES

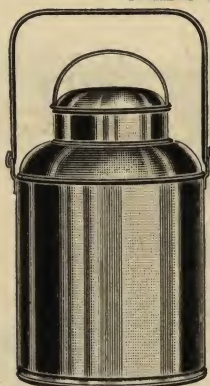
1C Tin

Plain Wire Bail

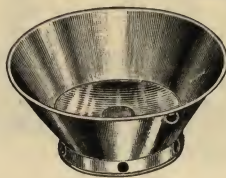
Per dozen
No. 012—Trade
cap. 2 qts., actual
cap. 2 qts.,
5x7¼ in.; wt.
per doz. 10 lbs.
.....\$6.50

Wire Bail with En-
ameled Wood Grip

Per dozen
No. 014—Trade
cap. 4 qts., act.
cap. 4½ qts., 6½
x9 in.; wt. per
doz. 20 lbs. ..\$8.50



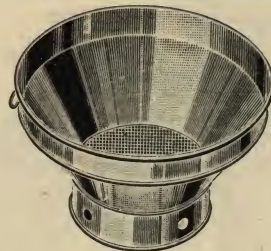
MILK STRAINERS



Pieced, 1C tin,
brass strainer, tin
bottom, with rim.

Per dozen
No. 010—Dia. 10
in.; wt. doz. 9
lbs.\$3.50

MILK CAN STRAINERS



Plain, 1C tin,
brass strainer
double seamed
to bottom and
body.

Per dozen
No. 090—8¾
x6 in.; wt.
per doz. 9
lbs.\$6.00



Deep seam-
less body, brass
strainer double
seamed to bot-
tom and body.

Nos.	01	1
Grade tin	Plain	Retinned
Inches	10¾x7	10¾x7
Wt. doz., lbs.	15	15
Per dozen	\$6.20	9.20



Pieced, IX
bright tin
plate.
Per dozen
No. 144—Cap. 4 qts., height 6¾ in.,
diam. top 10 in., diam. bottom
4½ in.; wt. per dozen 15 lbs. ..\$9.60

All above, one-half dozen in a carton.

DAIRY TINWARE

MILK CAN STRAINERS



2X tin plate, re-
tinned, seamless, sani-
tary; designed for 6
in. or 6½ in. cotton
discs.

Per dozen
No. 1510—Cap. 10 qts., height 7¼
in., diam. top 12¼ in., diam.
bottom 5½ in.; wt. per dozen
30 lbs.\$16.80

One-half dozen in a carton.



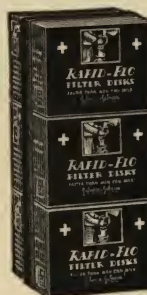
Extra heavy retinned, slotted perfora-
tions in bottom, perforated disc with large
grip.

Nos.	1100N	1200N	1600N
Cap., qts.	10	12	16
Grade tin	4X	4X	5X
Height, in.	7¾	7½	8¾
Diam. top, in. . .	12½	12½	12½
Diam. bot'm, in.	5¾	5¾	5¾
Doz. in carton..	½	½	¼
Wt. doz., lbs. . .	68	52	70
Per dozen	\$16.60	35.20	48.00

Brass Strainer Discs for Above Strainers

Per dozen
No. 12-D—Diameter 5½ in.\$3.50
No. 16-D—Diameter 5½ in. 4.00

MILK STRAINER DISCS



RAPID-FLO

The long fibre cotton is
even in texture, uniform
in thickness, free from
weak spots and will per-
mit a flow of 8 qts. a
minute.

Nos.....	6P	6½P	6S
Inches	6	6½	6
Type	Plain	Plain	Single-faced
Wt. case, lbs...	25	27	27
Per 100	\$0.48	.62	.80

One hundred discs in a carton, 3 cartons
banded in a unit, 12 units to a
shipping case.

CREAM SEPARATORS

MARVEL



3-A Non-pinholing Bright Charcoal Tin Plate, Blue Enamel Finish

Removable gauges combination cover and strainer with conductor tube.

Operated by introducing cold water or ice into the milk about equal parts. Equipped with tube which carries water to the bottom of milk which insures immediate separation. Separates in from one to two hours depending on the quality of the milk.

Constructed with a deep cone bottom which allows every particle of milk to be drawn off before the cream reaches the faucet without their being mixed.

Nos.	1	2	3
Cap., gals.	10	14	18
Height, in.	24	23	23½
Diam., in.	12	14¼	17
Ship. wt., lbs. ...	13	15	18
Each	\$5.40	6.20	7.80

Nos.	4	5
Cap., gals.	21	24
Height, in.	24½	27½
Diam., in.	17	17
Ship. wt., lbs.	19	20
Each	\$8.00	9.50

One in a carton.

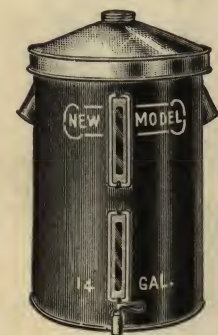
NEW MODEL

3A Bright Charcoal Tin Plate

Operated by introducing cold water or ice into the milk about equal parts.

The deep concave bottom allows every particle of milk to be drawn off before the cream reaches the faucet without their being mixed.

Combined cover and strainer, removable gauge.



Nos.	8	12	14	18
Cap., gals.	8	12	14	18
Ht., in.	16½	16½	19½	24¼
Diam., in.	12	14¼	14¼	14¼
Ship. wt., lbs. ..	9	11	12	13½
Each	\$5.40	6.20	6.50	7.00

One in a carton.

WASH BOILERS

COPPER



Pure, highly polished, lake copper body; hand tinned inside; panelled rigid copper bottom; heavy seamless charcoal tin cover.

Nos.	914	918	309
Cap., qts.	14½	14½	14½
Length, in.	23¼	23¼	23¼
Width, in.	12¾	12¾	12¾
Depth, in.	13	13	13
Grade side, ozs.	14	18	12
Grade bot., ozs.	16	18	13
Wt. dozen, lbs.	204	228	190
Per dozen	\$72.50	85.00	62.50

Pure polished copper, with copper cover, not tinned, 14 oz. copper sides, 16 oz. copper bottom.

Per dozen

No. 9AC—Cap. 14½ qts., 23¼x12¾x13 in.; wt. per dozen 208 lbs. \$80.00

TIN



Mirror finish, heavy seamless cover, paneled rigid copper bottom, rigid hook side handles securely fastened to body.

IX Tin Plate

Per dozen

No. 1914—Cap. 14½ gals., 23¼x12¾x13 in.; wt. per dozen 196 lbs. \$47.00

3X Tin Plate

Per dozen

No. 3918—Cap. 14½ gals., 23¼x12¾x13 in.; wt. per dozen 214 lbs. \$54.50

All boilers ¼ dozen in crate. Can assort ¼ dozen. Where single boiler is furnished small charge is made for packing.

WASH BOILERS

TIN



IXL bright tin plate body, 12 oz. copper bottom, deep inset seamless tin cover with tin handle, rigid hook side handles securely fastened to body.

Per dozen

No. 910M—Cap. 14½ qts., 23¼x12¾x13 in.; wt. per dozen 145 lbs. \$38.50

GALVANIZED



29 gauge body and bottom hand-immersed in pure molten zinc after being made up, deep inset seamless tin cover with tin handle.

Per dozen

No. 929M—Cap. 14½ gals., 23¼x12¾x13 in.; wt. per dozen 169 lbs. \$28.00



26 gauge body and bottom, hand-immersed in pure molten zinc after being made up, ridged paneled bottom, heavy seamless charcoal cover. Red striped.

Per dozen

No. 913G—Cap. 14½ gals., 23¼x12¾x13 in.; wt. per dozen 169 lbs. \$42.50

GALVANIZED WARE SQUARE WASH TUBS



Strong, compact, easy to handle, swaged, drop side handles.

Nos.	4A	14S
Inches	14x11 $\frac{1}{4}$ x7 $\frac{1}{2}$	19 $\frac{1}{4}$ x15x10 $\frac{3}{4}$
Wt. doz., lbs.	42	74
Per dozen ...	\$10.00	15.50
Nos.	24S	34S
Inches	21x16 $\frac{3}{4}$ x11 $\frac{3}{8}$	22 $\frac{1}{2}$ x18x11 $\frac{3}{4}$
Wt. doz., lbs.	88	102
Per dozen ...	\$17.50	20.00

ROUND WASH TUBS



Heavy, hand-immersed in molten zinc after being made up. Drop side handles.

Nos.	0C	1C
Inches ...	18 $\frac{1}{8}$ x15 $\frac{1}{4}$ x9 $\frac{3}{8}$	19 $\frac{1}{2}$ x16 $\frac{1}{2}$ x9 $\frac{3}{4}$
Wt. dozen, lbs.	60	71
Per doz....	\$10.20	12.50
Nos.	2C	3C
Inches ..	21 $\frac{3}{4}$ x18 $\frac{1}{2}$ x10 $\frac{1}{2}$	23 $\frac{1}{2}$ x20 $\frac{1}{2}$ x10 $\frac{1}{2}$
Wt. dozen, lbs.	85	99
Per doz....	\$14.00	16.00



Heavy, hand immersed in molten zinc after being made up. Reinforced drop side handles, red striped.

Nos.	1M	2M
Inches ...	19 $\frac{1}{2}$ x16 $\frac{1}{2}$ x9 $\frac{3}{4}$	21 $\frac{3}{4}$ x18 $\frac{1}{2}$ x10 $\frac{1}{2}$
Wt. doz., lbs.	83	96
Per dozen .	\$16.00	18.00
No.	3M	
Inches	23 $\frac{1}{2}$ x20 $\frac{1}{2}$ x10 $\frac{1}{2}$	
Wt. dozen, lbs.	110	
Per dozen	\$20.00	

All above, one-half dozen in a bundle.

GALVANIZED WARE ROUND WASH TUBS



Extra heavy galvanized tub, 26 gauge sides, 25 gauge bottom, wired top, heavy stationary wringer attachments, rigid hook handles securely riveted.

Nos.	G01	G02	G03
Height, in.	9 $\frac{3}{4}$	10 $\frac{1}{2}$	10 $\frac{1}{2}$
Dia. top, in. ...	19 $\frac{1}{2}$	21 $\frac{3}{4}$	23 $\frac{1}{2}$
Dia. bottom, in.	16 $\frac{1}{2}$	18 $\frac{1}{2}$	20 $\frac{1}{2}$
Wt. doz., lbs. ..	97	112	120
Per dozen	\$19.00	21.50	24.00

One-half dozen in a bundle.

DRAINATUB UNITS

Drainatubs constructed of Cop-R-Loy metal, hand dipped in pure molten zinc. Strong metal drain outlet, double seamed to bottom; 30 in. section of hose with hook stopper and chain.



Drainatub stands made from extra heavy, unbreakable rolled steel designed for strength. Rigid, well braced legs equipped with cadmium plated casters.

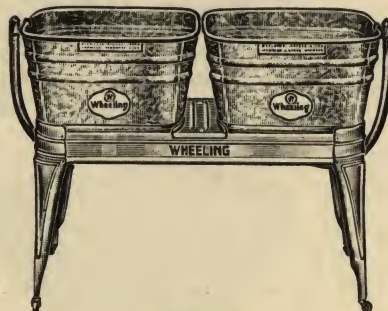
Single

One 20x20 in. square Drainatub with drain outlet, 30 in. hose, hook, stopper and chain complete with stand.

Each

No. S62 D. T.—Tub 20x20 in.; wt. each 25 lbs.\$5.80

One Drainatub in a carton with hose, etc., one stand in a carton partly assembled.



Double

Two Drainatubs with drain outlet, two 30 in. lengths of hose with hooks, two stoppers with chain; complete with stand. Each

No. D62DT—Tubs 20x20 in.; wt. each 43 lbs.\$10.00

One Drainatub in a carton with hose, etc., one stand in a carton partly assembled.

GALVANIZED WARE OVAL FOOT BATHS



Copper bearing steel base hand dipped in pure molten zinc.

Per dozen

No. 52—17 $\frac{1}{2}$ x6 $\frac{3}{4}$ in.; weight per dozen 24 lbs.\$9.30

One dozen in a carton.

REFRIGERATOR PANS



Pieced, straight hollow side handles, corrugated sides and bottom.

Nos.	2	3
Inches	14x4 $\frac{1}{2}$	16x5 $\frac{1}{4}$
Wt. dozen, lbs.	34	40
Each	\$0.80	1.00

One-half dozen in a carton.

KITCHEN OR SUDS DIPPERS



Hot galvanized after being made up, pieced, 5 inch welded handles.

Per dozen

No. 153—Tr. cap. 3 qts., actual cap. 2 $\frac{1}{8}$ qts., size 7 $\frac{3}{8}$ x4 $\frac{3}{8}$ in.; wt. per dozen 9 lbs.\$4.20
Six dozen in a carton.

SCRUB TUBS



Galvanized steel. Scrub tub designed for hard service. Has heavy wire bail handle. May also be used as stock waterer or feeding pail.

Per dozen

No. 35—14 $\frac{1}{8}$ x11 $\frac{3}{8}$ x8 $\frac{1}{8}$ in.; wt. per dozen 34 lbs.\$6.50

One-half dozen in a carton.

GALVANIZED WARE
WATER PAILS



Heavily galvanized after making.

Nos.	10C	12C
Cap., qts.	10	12
Hght., in.	9 $\frac{1}{4}$	10 $\frac{1}{4}$
Diam., in.	8 $\frac{1}{2}$	9
Wt. dozen, lbs. ...	24	27
Per dozen	\$4.40	4.80
Nos.	14C	16C
Cap., qts.	14	16
Hght., in.	11	11 $\frac{1}{2}$
Diam., in.	9 $\frac{3}{8}$	9 $\frac{1}{4}$
Wt. dozen, lbs. ...	30	33
Per dozen	\$5.50	6.20

One dozen in a bundle.



Heavily galvanized after being made up.

Nos.	10M	12M
Cap., qts.	10	12
Hght., in.	9 $\frac{1}{4}$	10 $\frac{1}{4}$
Diam., in.	8 $\frac{1}{2}$	9
Wt. doz., lbs. ...	29	32
Per dozen	\$6.00	6.50
Nos.	14M	
Cap., qts.	14	
Hght., in.	11	
Diam., in.	9 $\frac{3}{8}$	
Wt. dozen, lbs.	36	
Per dozen	\$7.00	

One dozen in a bundle.



Heavily galvanized after making.

Extra heavy, made of 26 gauge black sheet, $\frac{1}{4}$ in. wire top. No. 5 coppered wire bail, wood grip, dome bottom, extra deep foot, over capacity. Striped.

Nos.	312G	314G	316G
Cap., qts. ..	12	14	16
Hght., in. ..	10 $\frac{1}{4}$	10 $\frac{1}{2}$	11
Diam., in. ...	8 $\frac{3}{4}$	9 $\frac{1}{4}$	9 $\frac{1}{2}$
Wt. dz., lbs. 40		43	46
Per dozen..	\$9.50	10.50	11.50

One dozen in a bundle.

CALF PAILS



Heavily galvanized after making.

	Per dozen
No. 8C—Cap. 8 qts., plain; wt. per dozen 21 lbs.	\$4.10
No. 8M—Cap. 8 qts., with wide stripe painted around top and bottom; wt. per dozen 26 lbs.	5.50

One dozen in a bundle.

GALVANIZED WARE
STOCK PAILS



Heavily galvanized after making.

Nos.	120S	140S
Cap., qts.	12	14
Hght., in.	10 $\frac{1}{4}$	9 $\frac{3}{8}$
Diam., in.	8 $\frac{3}{4}$	9 $\frac{1}{4}$
Wt. doz., lbs. ...	38	40
Per dozen....	\$6.50	7.50
Nos.	160S	180S
Cap., qts.	16	18
Hght., in.	9 $\frac{3}{8}$	9 $\frac{1}{4}$
Diam., in.	9 $\frac{1}{8}$	10 $\frac{1}{4}$
Wt. doz., lbs. ...	41	43
Per dozen ...	\$8.50	10.00

One dozen in a bundle.

STOCK OR UTILITY PAILS



Made of 26 gauge black sheet, $\frac{1}{4}$ in. wire at top, $\frac{3}{8}$ in. wire bail, extra heavy forked malleable ears, extra deep foot, striped, heavily galvanized after making.

Nos.	0412G	0414G
Cap. qts.	12	14
Hght., in.	10 $\frac{1}{4}$	10 $\frac{1}{2}$
Diam., in.	8 $\frac{3}{4}$	9 $\frac{1}{4}$
Wt. doz., lbs.	45	47
Per dozen	\$11.50	12.00
Nos.	0416G	0420G
Cap., qts.	16	20
Hght., in.	11	12 $\frac{1}{2}$
Diam., in.	9 $\frac{1}{2}$	11 $\frac{1}{4}$
Wt. dozen, lbs. ...	50	59
Per dozen	\$13.00	14.60

One-half dozen in a bundle.

CEMENT PAILS

Extra heavy 26 gauge black sheet, $\frac{1}{4}$ in. wire at top, $\frac{3}{8}$ in. wire bail, extra heavy forked malleable ears, reinforced with heavy strips. Extra deep foot, heavily galvanized after making.

Nos.	412G	414G
Cap., qts.	12	14
Height, in.	10 $\frac{1}{4}$	10 $\frac{1}{2}$
Diameter, in.	8 $\frac{3}{4}$	9 $\frac{1}{4}$
Weight dozen, lbs.	48	51
Per dozen	\$14.00	15.50

One-half dozen in a bundle.

FIRE PAILS



Copper bearing steel, hot galvanized after being made up, round bottoms, plain with red letters.

	Per dozen
No. 212—Trade capacity 12 qts., actual capacity 10 $\frac{1}{2}$ qts., size 11x10 $\frac{1}{2}$ in.; wt. per dozen 22 $\frac{1}{2}$ lbs.	\$8.00

One dozen in a bundle.

GALVANIZED WARE AUTO UTILITY CANS



Hot dipped galvanized, brass wire strainer.

Funnel attachment, wire bail with round wire grip, open back handle.

Per dozen
No. 350—Cap. 5 gals.; 11x8¼ in.;
wt. per dozen 102 lbs.\$38.00

One-third dozen in a carton.

RADIATOR FILLING CANS



Large paneled spout, vertical corrugations, copper bearing steel, upright back handle, wire bail, round breast.

Per dozen
No. 6—Trade cap. 12 qts., height
10¼ in., diam. 9¾ in.; wt. per
dozen 52 lbs.\$24.00

One-quarter dozen in a carton.

UTILITY MEASURES



Galvanized, copper bearing steel, built to exact specifications of the U. S. Bureau of Standards, with funnel attachment.

Nos.	385	386
Cap., qts.	2	4
Inches	5¾x9	7x11¾
Dozen in carton	1	½
Wt. doz., lbs.	14¼	22
Per dozen	\$10.50	12.00

FUNNELS



Hot galvanized after being made up. Ring for hanging.

Nos.	4	6
Cap., qts.	4	6
Inches ..	7½	8¾
Wt. dz., lbs. 5	7	
Per doz.	\$3.60	5.70

Open stock.

GALVANIZED WARE FUNNELS



Extra heavy, copper bearing steel, with brass wire strainer.

Per dozen
No. 31—Cap. 3¾
qts., 9¾x10 in.;
wt. per dozen
20½ lbs. ..\$12.70

One-half dozen in carton.



Heavy galvanized sheets.

Extra deep bowl.

Per dozen
No. 61—Cap. 2½ gals., 10¼x11½
in.; wt. per doz. 30 lbs.\$10.70

One-quarter dozen in a carton.



Heavy galvanized sheets.

Extra deep bowl, skirt 5x1½ inches, protects spout and serves as rest on tank.

Per dozen
No. 62—Cap. 2½ gals., 10½x11½
in.; wt. per dozen 31 lbs.\$12.70

One-quarter dozen in a carton.



Extra heavy, copper bearing steel.

Extra deep bowl, brass wire strainer.

Per dozen
No. 51—Cap. 3¼ qts., 12x15½ in.;
wt. per doz. 35½ lbs.\$16.00

One-half dozen in a carton.

GALVANIZED WARE AUTO FILLING CANS



Large opening with cap to prevent spilling, cap fastened with chain. Back handle, wood grip. Can painted red.

Per dozen
No. 250—Cap. 5
gals., diam 10¼
in.; wt. per dozen 90 lbs. ..\$40.50
One in a carton.

OIL AND GASOLINE CANS



Large curved spout, hexagon screw cap, wire bail with wood grip.

1¼ inch filler opening, ½ inch spout opening.

Oil cans blue striped, gasoline cans painted and have cork lined caps.

Oil Cans

Per dozen
No. 5K-DP—Capacity 5 gals.; wt.
per dozen 70 lbs.\$15.70

Gasoline Cans

Per dozen
No. 5G-DP—Capacity 5 gals.; wt.
per dozen 70 lbs.\$17.20
One-third dozen in a carton.



Straight spout, hexagon screw cap, wire bail with wood grip.

1¼ inch filler opening, ½ in. spout opening.

Oil cans blue striped, gasoline cans painted red and have cork lined caps.

Oil Cans

Nos.	401M	402M
Cap., gals.	1	2
Dozen in carton	1	½
Wt. dozen, lbs.	25	35
Per dozen	\$6.40	8.80

Gasoline Cans

Nos.	501M	502M
Cap., gals.	1	2
Dozen in carton	1	½
Wt. dozen, lbs.	25	35
Per dozen	\$7.20	9.60

**GALVANIZED WARE
FEED MEASURES**



Wire bail with ear set down to clear top, corrugated bottom, graduated.

Per dozen
No. 26—Capacity $\frac{1}{2}$ bushel, $12\frac{3}{4} \times 10$ in.; wt. per doz. 38 lbs.\$9.00

One-half dozen in a bundle.

UTILITY BASKETS



Heavily galvanized after making.

Nos.	*5B	10B	15B
Cap., bu.	$\frac{1}{2}$	1	$1\frac{1}{2}$
Inches	$13\frac{3}{4} \times 9$	$7\frac{3}{8} \times 11\frac{1}{4}$	21×12
Wt. doz., lbs.	38	70	84
Per dozen	\$11.00	13.00	20.00

*No. 5B size equipped with bail and side handle.

Made of Galvanized Sheets

Per dozen
No. 10SB—Cap. 1 bu., $17\frac{1}{8} \times 11\frac{3}{4}$ in.; wt. per doz. 65 lbs.\$10.60



Double Bottom

Galvanized steel, corrugated riveted and soldered double bottom, $\frac{1}{8}$ in. steel rod rolled into rim, strong rope handles.

Nos.	100	150	200
Cap., bu.	1	$1\frac{1}{2}$	2
Wt. dozen, lbs.	81	94	117
Per dozen	\$21.00	24.00	29.50

All above, one-half dozen in a bundle.

**GALVANIZED WARE
WATERING POTS**



Copper bearing steel, heavily galvanized after making, one piece spout with screw type rose, oval breast opening "easy-grip" handles securely welded to body.

Nos.	4	6	8
Tr. cap., qts.	4	6	8
Act. cap., qts.	$3\frac{1}{8}$	$4\frac{7}{8}$	8
Inches	$6\frac{5}{8} \times 6$	$7\frac{5}{8} \times 7$	$8\frac{3}{4} \times 8\frac{1}{4}$
Doz. in ctn.	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$
Wt. doz., lbs.	24	29	44
Per dozen	\$10.50	11.50	13.00

Nos.	10	12	16
Tr. cap., qts.	10	12	16
Act. cap., qts.	10	12	$16\frac{1}{8}$
Inches	$10 \times 8\frac{3}{4}$	$10\frac{1}{4} \times 9\frac{1}{8}$	$10\frac{1}{2} \times 10\frac{1}{2}$
Doz. in ctn.	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$
Wt. doz., lbs.	$48\frac{1}{2}$	56	67
Per dozen	\$14.40	16.80	22.00

GARBAGE PAILS



Constructed of fine tight coat galvanized sheets, strong steel bail, drawn seamless cover.

Nos.	02	03	04
Capacity, gals.	6	8	10
Height, in.	12	14	13
Diameter, in.	$12\frac{1}{4}$	13	15
Wt. doz., lbs.	77	85	94
Each	\$1.10	1.30	1.50



Heavily galvanized after making, heavy steel bail and malleable forked ears; heavy, deep, seamless cover.

Nos.	606	608	6012
Capacity, gals.	6	8	12
Height, in.	12	14	16
Diameter, in.	$12\frac{1}{4}$	13	15
Wt. doz., lbs.	80	90	105
Each	\$1.50	1.80	2.10

All above, open stock.

**GALVANIZED WARE
GARBAGE CANS**



Extra Heavy Line

Heavily galvanized after making, corrugated body, deep drawn, seamless cover.

Extra heavy handles and ears.

Nos.	20M	25M	30M
Cap., gals.	21	26	30
Height, in.	25	25	29
Diameter, in.	18	20	20
Wt. doz., lbs.	166	192	213
Each	\$2.70	3.00	3.50

Medium Heavy Line

Constructed of fine tight coat galvanized sheets.

Nos.	775	776	777
Cap., gals.	17	21	26
Height, in.	25	25	25
Diameter, in.	16	18	20
Wt. doz., lbs.	124	143	162
Each	\$1.80	2.00	2.30



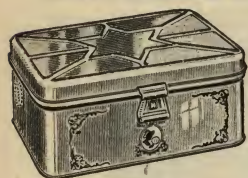
Galvanized Corrugated Body

Heavy gauge steel, deeply corrugated; $\frac{1}{8} \times 2\frac{1}{4}$ in. electrically welded steel bands riveted on outside of body at top and bottom; slightly concave bottom riveted to body and band; one-piece snug fitting cover, side handles raise to right angles to can.

Nos.	1	2
Trade cap., qts.	20	27
Actual cap., qts.	$18\frac{1}{2}$	$24\frac{1}{2}$
Outside diam., in.	16	$18\frac{1}{4}$
Height, in.	26	26
Wt. each, lbs.	$27\frac{1}{2}$	32
Each	\$6.50	7.50

All above open stock.

JAPANNED WARE KITCHENETTE BREAD BOXES



**"Betsy Ann"
Design**

One-piece tight fitting cover, ventilated.

Size 13x9¼x6 in.

Per dozen
No. 112I—Ivory with green trim ..\$17.00
No. 112G—Green with ivory trim 17.00
Weight per dozen 40 lbs.
One in a carton.

BREAD AND CAKE BOXES



**"Betsy Ann"
Design**

One-piece tight fitting cover, ventilated round corners.

Specifications

Nos.	412	413	415
Inches	13x9¼x9	15½x10x10½	18x12¼x12¼
Wt. dozen, lbs.	50	66	96

Ivory Finish with Green Trim

Nos.	412I	413I	415I
Per doz.	\$21.00	22.50	26.00

Green Finish with Ivory Trim

Nos.	412G	413G	415G
Per doz.	\$21.00	22.50	26.00

One in a carton.

Nested

Nos.	F2	F3	F5
No. in nest	2	2	3
Consists of Nos.	412-13	414-15	412-13-15
Wt. doz. nests, lbs.	108	132	168

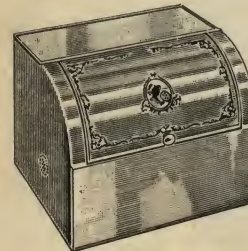
Ivory Finish with Green Trim

Nos.	F2I	F3I	F5I
Per nest	\$3.50	4.00	5.50

Green Finish with Ivory Trim

Nos.	F2G	F3G	F5G
Per nest	\$3.50	4.00	5.50

One nest in a carton.



**"Betsy Ann"
Design**

Large storage space, roll top.

Specifications

Nos.	130	160
Inches	13x11x10½	16x11x10½
Wt. doz., lbs.	54	65

Ivory Finish with Green Trim

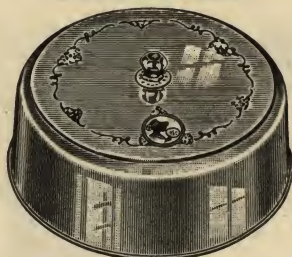
Nos.	130I	160I
Per dozen	\$23.00	25.20

Green Finish with Ivory Trim

Nos.	130G	160G
Per dozen	\$23.00	25.20

One in a carton.

JAPANNED WARE CAKE COVERS



"Betsy Ann" Design

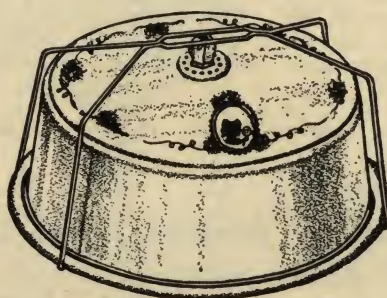
Glass knob and cover

Size 12x4¼ in.

Per dozen
No. 15I—Ivory with green trim ..\$7.50
No. 15G—Green with ivory trim .. 7.50

Weight per dozen 14 lbs.

One-half dozen in a carton.



**Cake Cover, Tray and Carrier
Combination**

"Betsy Ann" design, ivory with green trim, heavy tin tray with ivory edge, detachable wire carrier.

Per dozen
No. 352—Wt. per dozen 20 lbs. ..\$11.00
One-half dozen sets in a carton.

CAKE CONSERVERS



Ivory finish with green trim, attractive floral design. glass knob on cover, detachable wire carrier.

Per dozen
No. 880—Diameter 11½ in., height 9½ in., wt. per doz. 40 lbs. ..\$24.00
One-sixth dozen in a carton.

OVAL TEA TRAYS



Heavy, japanned black.

Nos.	016	018	020
Inches	16½x3¼	17½x4¼	20¼x16
Doz. in ctn.	6	3	3
Wt. doz., lbs.	11	14½	16½
Per dozen	\$5.50	7.00	7.20

JAPANNED WARE FLOUR BOXES



"Betsy Ann" Design

Hinged, tight-fitting cover; pendant hasp; side handles.

Specifications

Nos.	410	420	430
Cap., lbs.	25	50	100
Inches	10½x15½	12½x19	15½x26
Wt. doz., lbs.	55	80	120

Ivory Finish with Green Trim

Nos.	410I	420I	430I
Per dozen	\$19.50	27.00	40.00

Green Finish with Ivory Trim

Nos.	410G	420G	430G
Per dozen	\$19.50	27.00	40.00

One in a carton.

"HANDY" OVAL LUNCH BOXES



Crystal enamel finish, assorted colors; peach, light green, light blue, and maroon wire handles act as lock for cover, large capacity.

With Pie Tray

Per dozen
No. 100—8¾x4½x5¼ in.; wt. per dozen 13 lbs.\$4.70

Without Pie Tray

No. 0100—Otherwise same as above 4.00
One dozen, three of each color, in a carton.

CASH BOXES



Heavy tin plate, olive green enamel finish, nickel plated cover handle depressed in cover, nickel plated lock.

Nos.	10	11
Inches	10¾x7x4½	11¼x8x5
Wt. doz., lbs.	24	28
Per dozen	\$18.50	20.00

One-half dozen in a carton.

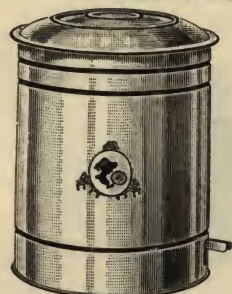
BOND BOXES



Heavy tin plate, olive green enamel finish, nickel plated side handle and lock.

Per dozen
No. 100—10¼x5¼x2¼ in.; wt. per doz. 20 lbs.\$20.00
One-half dozen in a carton.

JAPANNED WARE
WASTE AUTOMATS

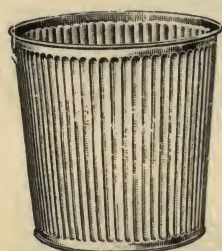


Green finish with ivory trim. Trouble-proof cover raising device, porcelain enameled inset pail.

Per dozen
No. 2013—Cap. inset pail 9¼ qts., 10½x13½ in.; wt. per dozen 66 lbs.\$18.00

One-sixth dozen in a carton.

WASTE BASKETS



Round
Ideal for offices, hotels, etc.

Specifications

Nos.	216	220
Cap., qts.	16	30
Inches	12½x11½	12¾x12½
Wt. doz., lbs.	32	43½
Per dozen	\$10.00	13.00

Olive Green Finish

Nos.	216G	220G
Per dozen	\$10.00	13.00

Maroon Finish

Nos.	216M	220M
Per dozen	\$10.00	13.00

One-half dozen in a carton.



Round
Easy to clean, green with ivory trim.

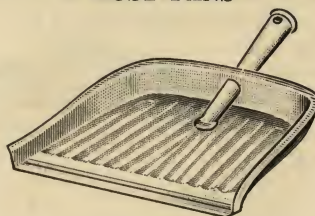
Nos.	516	524
Cap., qts.	16	24
Diam., in.	12	13½
Height, in.	11¼	14⅞
Dozen in carton	1	½
Wt. doz., lbs.	23½	38
Per dozen	\$8.40	11.75

Oval

No. 50—Capacity 12½ qts., diam. 8x11¼ in.; wt. per dozen 21½ lbs.	\$6.70
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One dozen in a carton.

JAPANNED WARE
DUST PANS



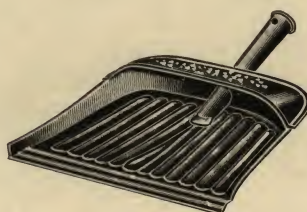
Open, IC, corrugated bottom, round handle.

Size: 9x13 inches.

No. 1—Black	Per dozen \$1.50
No. 11—Assorted colors	2.10

Weight per dozen 6 pounds.

Three dozen in a carton.



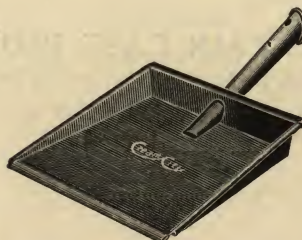
Covered, corrugated bottom, round handle.

Size 9x13 inches.

No. 14—Black	Per dozen \$2.20
No. 15—Assorted colors	3.30

Weight per dozen 8 pounds.

Three dozen in a carton.



"Superior," IX, black japanned. Steel strip on edge; round handle through back.

No. 30—9x13 in; weight per dozen 13 lbs.	Per dozen \$3.60
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Open stock.

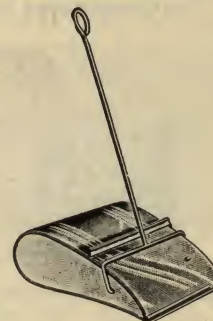


Covered, round handle, japanned brown, extra heavy.

No. 350—9x13 inches; wt. per dozen 18 lbs.	Per dozen \$6.50
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Open stock.

JAPANNED WARE
LONG HANDLED DUST PANS



Assorted Colors

Steel edge, heavy wire handle. When lifted by handle, covered pan swings down and holds sweepings.

No. 500—10x9 in., 26 in. handle; wt. per dozen 18 lbs.	Per dozen \$6.50
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One dozen in a carton.

CUSPIDORS



Green finish, striped.

No. 010—7x5½ in.; wt. per dozen 6 lbs.	Per dozen \$2.80
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One dozen in a carton.

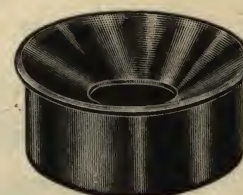


One piece cast iron, self-righting, broad top, white enameled inside, painted maroon outside with gold band.

No. 67—Top 9½ in., height 6½ in., weight per dozen 100 lbs.	Per dozen \$26.40
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One-half dozen in a crate.

SPITTOONS



Seamless, dark brown porcelain enamel finish with black trim, removable cover.

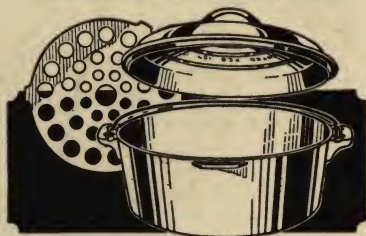
No. 20—10¾x4½ in.; wt. per dozen 40 lbs.	Per dozen \$14.00
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One-half dozen in a box.

CHROMIUM CAST IRON WARE

Brilliant finish, easy to clean with soap and water, always look new.

"TITE-TOP" DUTCH OVENS

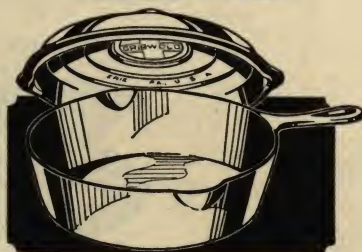


Self-basting cover, self-locking bail, side handle for pouring with trivet. Will roast, boil, bake, or fry, used on top of range or in the oven.

Nos.	8C	9C
Capacity, quarts	4½	6
Inches	10½x9x4	11½x9¾x4½
Weight each, lbs.	12½	13
Each	\$6.00	6.40

One in a carton.

CHICKEN FRYERS



Self-basting dome shaped cover, ideal for frying chicken, deep sides.

No. 8C—Diameter top, 10½ in., diameter bottom 9 in., depth 3 in.; weight each 10½ lbs.	Each \$4.80
One in a carton.	

IRON MOUNTAIN CAST IRON WARE

Pure high grade cast iron, highly polished.

DUTCH OVENS



With self-basting cover, heavy bail.

Nos.	8I	9I
Capacity, quarts	4½	6
Inches	10½x4	11½x4½
Weight each, lbs.	10¾	12½
Each	\$1.80	2.00

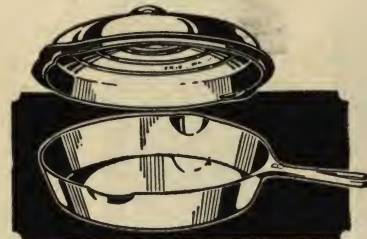
Open stock.

CHICKEN FRYERS



No. 8I—Diameter top 10¼ in., depth 3 in.; weight each 11 lbs.	Each \$1.60
Open stock.	

SKILLETS



Iron handle, free from flaws and rough places without covers.

Nos.	5C	6C	7C	8C	9C
Diameter top, in.	8	9⅞	9⅞	10½	11⅞
Diameter bottom, in.	6¾	7½	8¼	8⅞	9½
Depth, in.	1¾	1⅞	2	2	2
Wt. each, lbs.	2¼	3¼	3¾	4½	5
Each	\$2.00	2.15	2.30	2.40	2.50

Self-basting Covers

For regular chromium skillets.

Nos.	7C	8C	9C
For skillets, No.	7	8	9
Wt. each, lbs.	4	4½	5¼
Each	\$1.90	2.00	2.15

All above one-third dozen in a carton.

HANDLED GRIDDLES



Iron handle, free from flaws and rough places.

No. 9C—Diameter top 10½ inches; weight each 5 lbs.	Each \$2.40
One-third dozen in a carton.	

SKILLETS

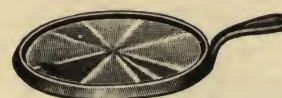


Iron handle.

Nos.	7I	8I	9I	10I	12I
Diameter top, in.	9⅞	10⅞	11¾	11¾	13⅞
Depth, in.	2	2	2	2½	2¼
Wt. each, lbs.	4	4¾	5¼	5½	8¾
Each	\$0.72	.84	1.00	1.20	1.50

Open stock.

HANDLED GRIDDLES



Iron handle.

Nos.	8I	9I
Diameter top, in.	9⅞	10½
Weight each, lbs.	3½	4¼
Each	\$0.80	1.20

Open stock.

REGULAR CAST IRON WARE

Special anti-rust lacquered finish, high grade cast iron of uniform thickness.

"TITE-TOP" DUTCH OVENS



Self-basting cover; heavy, self-locking bail; ground joint between body and cover; side handle for pouring; trivet.

Nos.	7	8
Capacity, qts.	3½	4½
Top, in.	9¼	10⅝
Depth, in.	3¾	4
Weight each, lbs.	9¾	12½
Each	\$3.30	4.00

Nos.	9	10
Capacity, qts.	6	8
Top, in.	11¼	12¼
Depth, in.	4¼	4⅞
Weight each, lbs.	13	16
Each	\$4.60	5.70

REGULAR KETTLES



Round bottom, without cover.

Nos.	8	9
Capacity, qts.	8	10½
Top, in.	10⅝	11½
Bottom, in.	8¾	9¾
Depth, in.	8	8½
Weight, each, lbs.	9	11⅝
Each	\$3.60	4.40

All above open stock.

REGULAR SKILLETS



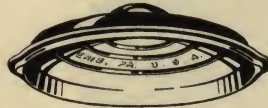
Iron handle, without cover.

Nos.	3	4	5
Top, in.	6½	7	8
Bottom, in.	5¼	5¾	6¾
Depth, in.	1¼	1½	1¾
Doz. in carton ...	⅓	⅓	⅓
Wt. each, lbs.	1½	2	2¼
Each	\$0.90	.95	1.10

Nos.	6	7	8
Top, in.	9⅝	9⅞	10½
Bottom, in.	7½	8¼	8⅞
Depth, in.	1⅞	2	2
Doz. in carton ...	⅓	⅓	⅓
Wt. each, lbs.	3¼	4	4½
Each	\$1.15	1.25	1.30

Nos.	9	10	12
Top, in.	11⅝	11¾	13⅝
Bottom, in.	9½	10	11¾
Depth, in.	2	2¼	2¼
Doz. in carton ...	⅓	⅓	⅓
Wt. each, lbs.	5	5¼	7½
Each	\$1.65	2.10	2.70

SELF-BASTING COVERS

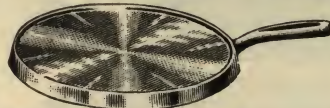


For Regular Skillets
Dome shape, fits entire top of skillet lid including lip.

Nos.	7	8	9
For skillet No.	7	8	9
Diam. top, in.	9⅞	10½	11⅝
Depth, in.	2	2	2
Dozen in carton ..	⅓	⅓	⅓
Wt. dozen, lbs. ...	4	4½	5¼
Each	\$0.90	.95	1.30

Nos.	10	12
For skillet No.	10	12
Diam. top, in.	11¾	13⅝
Depth, in.	2¼	2¼
Dozen in carton	⅓	⅓
Wt. dozen, lbs.	5½	7
Each	\$1.65	2.40

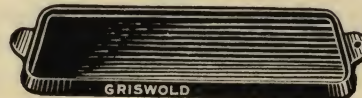
HANDLED GRIDDLES



Iron handle.

Nos.	8	9	10
Top, in.	9⅞	10½	11½
Doz. in carton ...	⅓	⅓	¼
Wt. each, lbs.	4	5	5¼
Each	\$1.20	1.40	1.80

LONG GRIDDLES

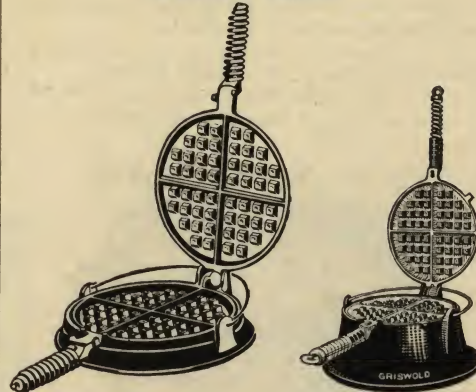


Unpolished.

Nos.	8	9	10
Length, in.	17⅞	20⅞	23⅞
Width, in.	9½	9½	11¾
Wt. each, lbs.	10	11¼	15½
Each	\$1.90	2.70	4.00

Open stock.

WAFFLE IRONS



No. 8

No. 88

Bailed Low Frame

No. 8—Diam. of pan 7¾ in., diam. of bottom 10 in.; wt. ea. 12 lbs. \$2.20

Bailed High Frame

No. 88—Diam. of pan 7¾ in., diam. of bottom 11⅞ in.; wt. each 16 lbs. \$2.80

Open stock.

HAM BOILERS



Oval bottom, unground finish.

Nos.	8	9
Cap. gals.	8	10
Inches ...	22⅝x12¼x9⅝	23¾x13¼x10⅝
Wt. each, lbs. ...	23½	28
Each	\$4.70	5.30

Open stock.

GLUE POTS

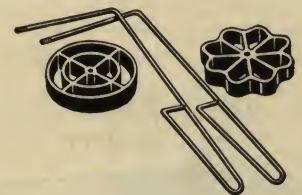


Cast iron in two parts; inner vessel has enameled inside. Inner vessel has flanged top which supports it on rim of outer vessel. Bright wire bail.

Nos.	1	2	3
Cap., pts.	1½	2	2½
Wt. dozen, lbs. ...	51	69	90
Each	\$2.20	2.60	3.00

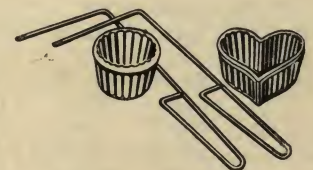
Open stock.

GRISWOLD PATTY IRONS



Shallow Pattern.

No. 1—Round iron, 2⅝x1⅞ in.; fluted iron 3x1⅞ in.; weight per set 1 lb. \$0.75



Deep Pattern.

No. 2—Round iron 2¼x1½ inches; heart shaped iron 2⅞x2⅞x1½ in.; weight per set 1⅞ lbs. \$0.75

Open stock.

STEEL SPIDERS

HERCULES



Extra heavy, polished hollow round cold handle, lipped.

Nos.	7	8	9
Inches	8	9	10
Doz. in carton	1	1	1/2
Wt. dozen, lbs.	27	36	50
Each	\$0.90	1.00	1.10

NATIONAL



Heavy, seamless, silver finish, lipped.

Nos.	70	80	90
Inches	8	9	10
Doz. in carton	2	2	1
Wt. dozen, lbs.	19 1/2	22 1/2	27
Each	\$0.30	.35	.50

FRYING PANS

NATIONAL



Cold handles, silver finish.

Nos.	39	39 1/2	40
Diam. top, in.	6	7	8
Depth, in.	1 1/4	1 1/4	1 3/4
Doz. in carton	3	3	2
Wt. doz., lbs.	6 3/4	9	12
Per dozen	\$1.40	2.00	2.40

Nos.	41	42	43
Diam. top, in.	8 1/2	9 1/4	10
Depth, in.	1 3/4	1 7/8	1 7/8
Doz. in carton	2	2	2
Wt. dozen, lbs.	14	16	17
Per dozen	\$2.80	3.30	3.70

Nos.	44	45	46
Diam. top, in.	10 1/2	11	12
Depth, in.	2	2	2 1/8
Doz. in carton	2	1	1
Wt. dozen, lbs.	23	26	29
Per dozen	\$4.40	4.60	5.60

DRIP PANS

BLACK BEAUTY



Blue black sheet steel, wire deep handles, rim reinforced with heavy wire, full rounded corners and bottom edges.

2 1/2 Inches Deep

Inches	7x14	8x10	8x12
Wt. dozen, lbs.	12	10	11
Per dozen	\$2.40	1.90	2.20
Inches	9x14	9x17	10x12
Wt. dozen, lbs.	13	17	13
Per dozen	\$2.60	3.30	2.70
Inches	10x15	11x16	12x12
Wt. dozen, lbs.	15	16	14
Per dozen	\$3.00	3.60	3.00
Inches	12x17	16x17	18x19
Wt. dozen, lbs.	18	23	29
Per dozen	\$3.90	4.80	5.60

Open stock.

ROASTERS

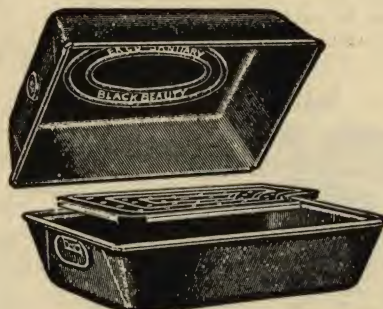
BLACK BEAUTY



Without Basting Rack

Extra heavy blue black steel, full rounded sanitary corners, heavily wired rims, extra heavy drop handles.

No. 3—9x14x7 inches; wt. per dozen 30 lbs.	\$0.60
Open stock.	



With Basting Rack

Extra heavy blue black steel.

Nos.	10	20
Inches	11x16x8	12 1/2 x 17 1/2 x 9 1/2
Wt. dozen, lbs.	70	80
Each	\$1.40	1.70

Open stock.

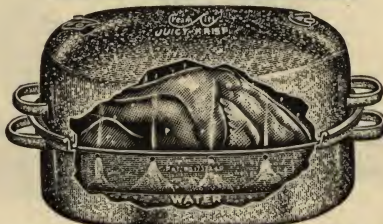
HANDY ROUND ROAST PANS



Dark brown enamel with white speckles, self-basting cover, roll rim.

No. 50—Diam. 13 in., height 5 3/4 in.; wt. per dozen 32 lbs.	\$0.80
One-quarter dozen in a carton.	

"JUICY-CRISP" ROASTERS



Dark blue enamel with white speckles, seamless, self-basting, self-browning, oval with oval seamless tray.

Nos.	109	1010
Length, in.	17 1/4	19 1/2
Width, in.	10 7/8	12
Height, in.	8	9
Wt. dozen, lbs.	77	85
Each	\$3.00	3.50

One in a carton.

ROASTERS

"MAGIC"



Dark blue enamel with white speckles, self-browning, self-basting.

Nos.	028	029	030
Length, in.	14 1/2	16 1/2	19 1/2
Width, in.	9 7/8	10 1/2	12 1/8
Height, in.	6 3/4	7 1/8	8
Wt. dozen, lbs.	50	60	75
Each	\$1.10	1.50	1.80

One-quarter dozen in a carton.

SAVORY



Oval, dark blue enamel with white speckles. Enameled handles.

Nos.	5	9
Sizes	Junior	Small Family
Inches	8 1/2 x 12 1/2 x 5 1/2	9 1/2 x 14 3/4 x 6 1/4
Doz. in cart.	1/2	1 1/2
Wt. doz., lbs.	41	69
Each	\$2.40	2.70

Nos.	19	39
Size	Medium Family	Large Family
Inches	10 3/4 x 16 1/2 x 7	11 3/4 x 17 1/2 x 7 3/4
Doz. in cart.	1 1/2	1 1/2
Wt. doz., lbs.	78	117
Each	\$3.20	3.50



Oval, blued steel, cover locking wire handles, self-basting. Not enameled.

Nos.	75	200
Size	Small Family	Large Family
Inches	9 1/2 x 14 3/4 x 6 1/4	11 3/4 x 17 1/2 x 7 3/4
Doz. in cart.	1 1/4	1 1/4
Wt. doz., lbs.	47	62
Each	\$1.50	2.50



Blued steel, not enameled. Seamless drawn steel; wire handles; self-basting.

No. 400—Hotel size; 14 x 19 1/4 x 10 in.; capacity 35 lb. roast or 30 lb. fowl; weight per dozen 126 lbs.	\$6.50
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One-sixth dozen in a carton.

RANGES

MODERNE SANICO

For Wood or Coal



Height over all, in.	54	52½
Floor space, in.	33½x51	32x46
Pipe collar, in.	7	7
Weight each, lbs.	605	500

Front cast in one piece. Outer body walls and bottom made of 16 and 18 gauge Armco iron, enameled both sides and insulated throughout. Cast iron lining and heavy asbestos board insulates heat within body.

Oven walls and top of 16 gauge iron, enameled on both sides with stippled finished interior. Oven bottom of heavy cast iron. Doors are counter-balanced with spring in ash pit. Flues are fully lined with porcelain enamel and of generous proportion to provide plenty of draft under all conditions.

Reservoir is extra high in order to secure maximum square inches of contact with range body. Sides and bottom are of extra heavy copper. Reservoir tank may be removed leaving a large compartment which is desirable as a warming oven.

Fire box is scientifically proportioned, providing even distribution of heat with minimum fuel consumption. Linings are of sectional construction, heavily corrugated and so designed as to allow ventilation behind the lining to prevent burning out. Pouch feed opening is large enough to permit coal being added without removing lids.

Grates are of duplex design, well balanced and extra heavy.

Main top is made in three sections or key plates of polished cast iron with nicked front rail. Two of these key plates have two 8½ inch lids in each making a total of four lids. The third key plate is solid.

Specifications

Nos.	34-83 and 34-84	34-73 and 34-74
Size cooking top, in.	26½x51	25x46
Size fire box, in.	8½x6	8x6
Length fire box for coal, in.	18	15
Length fire box for wood, in.	20	19
Capacity reservoir, qts.	28	22
Height to cooking top, in.	31	31
	54	52½
	33½x51	32x46
	7	7
	605	500

Green and Ivory Porcelain Finish; 18x20x12½ in. Oven

No. 34-74RS—With reservoir and high shelf	Each \$135.00
®No. 34-74RC—With reservoir and high closet	147.50

Tan and Ivory Tu-Tone Porcelain Finish; 18x20x12½ in. Oven

No. 34-73RS—With reservoir and high shelf	Each \$135.00
®No. 34-73RC—With reservoir and high closet	147.50

Cream and Black Porcelain Finish; 18x20x12½ in. Oven

No. 34-79RS—With reservoir and high shelf	Each \$142.00
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Green and Ivory Porcelain Finish; 20x21x12½ in. Oven

No. 34-84RS—With reservoir and high shelf	Each \$156.00
®No. 34-84RC—With reservoir and high closet	170.50

Tan and Ivory Tu-Tone Porcelain Finish, 20x21x12½ in. Oven

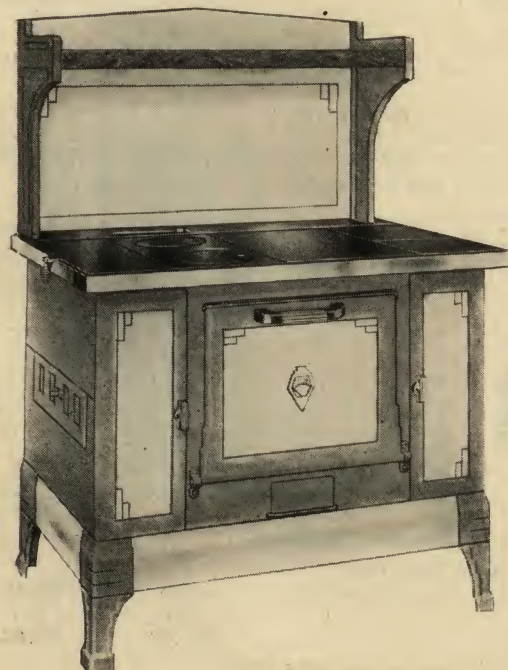
No. 34-83RS—With reservoir and high shelf	Each \$156.00
®No. 34-83RC—With reservoir and high closet	170.50

Cream and Black Porcelain Finish; 20x21x12½ in. Oven

No. 34-89RS—With reservoir and high shelf	Each \$164.00
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SANICOOK

For Wood or Coal



Outer body walls and bottom made of 18 gauge Armco iron, enameled both sides and insulated throughout. Oven sides and top are constructed from one piece of 16 gauge steel flanged on both ends and fitted to a heavy cast iron, one piece oven bottom. Flues are fully lined with porcelain enamel and are of generous size. Removable tinned copper reservoir tank.

Fire box is properly proportioned to range and oven, providing an even supply of heat with maximum fuel economy. Linings are sectional and corrugated. Standard grate bars are of special duplex design, well balanced and extra heavy.

Main top is polished cast iron with nicked T bar at front edges and both ends. A solid plate of special design extends over half the fire box. Two 8½ inch lids are placed directly over fire back. Balance of top is taken up by a solid plate.

Specifications

Oven 18x18x12½ in., cooking top 24x40 in., fire box for coal 8x6x17 in., for wood 8x6x18 in., capacity reservoir 22 qts., height to cooking top 31 in., height over all 52 in., pipe collar 7 in., floor space 31x40 in.

Green and Ivory Porcelain Finish

No. 35-34RS—With reservoir and high shelf; wt. each 450 lbs.	Each \$103.50
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Tan and Ivory Tu-Tone Porcelain Finish

No. 35-33RS—With reservoir and high shelf; wt. each 450 lbs.	Each \$103.50
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Cream and Black Porcelain Finish

No. 35-39RS—With reservoir and high shelf; wt. each 450 lbs.	Each \$111.50
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NOTE—Goods Marked ® Not Carried in Stock, but Shipped Direct from Factory.
All above, one in a crate.

CAST COOK STOVES

LIBERTY



For Wood or Coal

A plain finished stove with smooth surface that is easy to keep clean. Covers and centers heavily reinforced to prevent warping and buckling. Large flue insures a good draft and quick even baking. Oven is square and full size, easily controlled by

dampers from top, has two swinging oven doors with a kicker attached to one.

Equipped with large pouch feed door, wood door, deep ash pit and swinging hearth plate over ash pit in front. Fire-box oval-shaped and equipped with duplex grates for the burning of coal or wood.

Each

No. 81-18K—Oven 18x18x10½ in., size of top 23x33¼ in., pipe collar 6 in., height to cooking top 28½ in., four 8 in. cooking holes; wt. each 225 lbs.\$33.00

HEATERS
KING OAK

On Legs, Draw Center Grate, for Coal or Wood

Polished blue steel body, large feed door, large ash pit, ash pan; nickel urn, top ring, foot rails and screw draft.

With Steel Bottom, Single Hinge Base Door, Cool Coil Handle

Nos.	213	215	217	219
Fire pot, in.	11	13	15	17
Height to urn, in.	34	37	39	42
Diam. grate, in.	6	7½	9	10½
Pipe collar, in.	6	6	6	6
Wt. each, lbs.	50	80	95	120
Each	\$12.00	16.00	20.50	24.00

With Cast Bottom, Double Hinge Base Door, Lever Handle

Nos.	313	315	317	319
Fire pot, in.	11	13	15	17
Height to urn, in.	34	37	39	42
Diam. grate, in.	6	7½	9	10½
Pipe collar, in.	6	6	6	6
Wt. each, lbs.	54	85	100	130
Each	\$13.50	17.50	22.00	26.50

All above, one in a crate.

WOOD HEATERS

ALAMO



Attractive design and air-tight construction. Cast iron top and bottom. Steel sides cast lined, cast iron legs.

Constructed to give service at reasonable cost.

Nos.	225	228
Length, in.	28	32
Width, in.	12¼	12¼
Height, in.	25¾	26
Front feed opening, in.	9x9¼	9½x9¼
Top feed opening, in.	11¾x12	11¾x12
Pipe collar, in.	6	6
Wt. each, lbs.	90	100
Each	\$19.20	21.00

WOODLAND



Equipped with swing top, urn, urn base and foot rails.

Cast iron top and bottom. 20 gauge rust-resisting steel body. Cast iron sectional lining, cast legs.

Attractive in design and air-tight in construction. Will give years of satisfactory service.

Nos.	125A	128A
Length, in.	24½	27½
Width, in.	13	13
Height, in.	24	25
Front feed opening, in.	8½x11	10¼x11
Top feed opening, in.	12x16	13½x19
Pipe collar, in.	6	6
Wt. each, lbs.	85	100
Each	\$18.00	21.00

OAKDALE

Equipped with swing top, urn, urn base and foot rails.

Cast iron top and bottom, steel body, cast iron lining, cast legs.

For Wood

Nos.	223	253
Length, in.	25	28
Width, in.	14¼	17¼
Height, in.	35	38
Fire door open, in.	8¾x7	8¾x7
Pipe collar, in.	6	6
Wt. each, lbs.	100	125
Each	\$20.00	23.00

For Coal or Wood

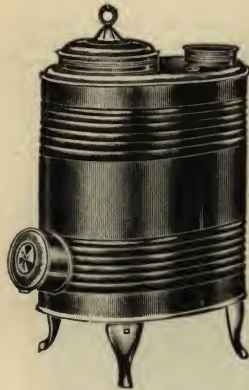
Duplex grates, otherwise same as above.

Nos.	223D	253D
Wt. each, lbs.	150	170
Each	\$25.50	29.00

All above, one in a crate.

AIRTIGHT HEATERS

MARS



Body and top made of highest grade blue polished steel. Bottom double seamed and reinforced by steel channel construction.

One piece drawn cover, securely hinged to top. Large lift ash door with nickeled draft regulator. Inclined pouch. Nickel trim throughout. Pipe collar 2 inches high holds pipe securely.

Unlined; Steel Legs

No. A018—Height 12 in., length 18 1/4 in., width 13 3/4 in.; weight each 9 1/4 lbs.\$2.20

Steel Lined; Cast Iron Legs

Nos.	22	26
Height, in.	21 3/4	26
Length, in.	21 1/2	25
Width, in.	15 1/2	17 1/4
Wt. each, lbs.	17 1/2	25
Each	\$4.00	5.00

One in a carton.

MABLE



Body and top made of highest grade blue polished steel. Bottom double seamed and reinforced by steel channel construction.

One piece drawn cover, securely hinged to top. Cast iron damper pouch. Conveniently hinged ash door has a nickeled register screw for regulating draft.

Nickel trim throughout. Pipe collar 2 in. high holds pipe securely.

Steel Lined; Cast Legs

No. 26—Height 26 in., length 25 in., width 17 1/4 in.; wt. each 28 lbs..\$5.70

One in a carton.

CANNON HEATERS

SUMMIT



Without Drum.



With Drum

For Wood
or Coal

Built for heavy duty; just the heater for store, office, shop or warehouse. In fact for any place a furnace cannot be installed but where large volume of heat is required.

Heavy weight nearly vertical side fire pot, deflecting plate in dome, extra large ash pan, extra heavy shaking and draw center grate on ball bearings, making it easy to handle. Draft register and shaker door are of unique construction, tight-fitting, quick-acting and easy to operate.

Heater can be furnished with extension drum which fits between the two top sections. Inside of drum are two deflector plates which greatly increase circulation and also produce a larger heat radiation.

Without Drum

Nos.	16	18	20	24
Fire pot, in.	16	18	20	24
Height, in.	47	49	51	57
Pipe collar, in.	7	7	7	8
Wt. each, lbs.	300	350	400	675
Each '	\$42.00	48.00	56.00	85.00

With Drum

Nos.	®16D	®18D	®20D	®24D
Fire pot, in.	16	18	20	24
Height, in.	66	69	72	81
Pipe collar, in.	7	7	7	8
Wt. each, lbs.	325	375	440	750
Each	\$49.00	57.00	67.00	100.00

One in a crate.

ROOM HEATERS

SUMMIT



Consists of the Summit Cannon Heater fitted with a double-walled casing. Outer casing is of polished blued steel, inner lining of black iron with an inch of air space between inner and outer casing. Main front section of casing surrounding feed door and ash pit door is cast iron, deflector shaped, giving direct access to these doors, and having louvres opening into the extra hot space around fire pot.

Heater itself is of extra heavy, all cast iron construction with tightly fitted joints. Fire pot is nearly vertical shaped and extra heavy. Grate is of the shaking and draw center type, turning upon ball bearings. Deflecting plate in dome retards the flames, preventing them from shooting straight for the pipe and retaining heat within the combustion chamber.

Draft register and shaker door are of unique construction, tight-fitting, quick-acting and easy to operate.

Nos.	®116	®120
Fire pot, in.	16	20
Height, in.	60	63
Diameter casing, in.	31	38
Pipe collar, in.	7	7
Wt. each, lbs.	425	575
Each	\$77.00	112.00

No. 120CA—Same as No. 120 above but with cold air inlet.....Price on Application

One in a crate.

NOTE—Goods Marked ® Not Carried in Stock, but Shipped Direct from Factory, DeKalb, Ill.

CIRCULATING HEATERS

AMERICAN

Equipped with extra large combustion chamber and unique baffle plate which crosses the chamber at the rear of dome, traps and holds the gases in such a way that none can escape through the flue until their combustion is completed. Fire pot is extra large with heat radiating flanges which aid in extracting the maximum amount of heat from every pound of fuel burned. Grates are of duplex construction and are carried in sliding cast iron frames.

Large feed door will permit firing practically any size chunks of wood or coal. It has a gas-tight head joint, inward swinging smoke curtain and mica window with cast iron reinforcement. Ash door is fitted to make a perfectly air-tight joint and has a disc draft check. Ash pit is extra large and of cast iron construction. A water pan finished in porcelain enamel and placed at rear of heater provides the necessary humidity for utmost comfort and efficiency.

Four side circulation permits heated air to circulate freely at front as well as sides and back, thereby, assuring maximum efficiency and greater heating capacity than is possible on heaters having a fire door extending through the casing.



SANICOLA

For Wood or Coal

Exterior casing finished in light walnut porcelain enamel; all steel parts being enameled on both sides to prevent rusting.

Nos.	\$518	420	422
Size fire pot, in.	17x9	20x13x9	22x13½x9
Height, in.	45	45	50
Width, in.	23	29	32
Depth, in.	23	21	21
Fire door, in.	10½x13	11x17½	11x17½
Floor space, in.	24x24	23x31	24x34
Pipe collar, in.	7	7	7
Heating cap., rooms.....	4	5	7
Heating cap., cu. ft.	6,000	7,500	10,000
Weight each, lbs.	330	475	640
Each	\$67.00	94.00	120.00

‡Note—No. 518 has round fire pot.



NU-SANICOLA

For Wood or Coal

Exterior casing finished in dark walnut porcelain enamel, all steel parts being enameled on both sides to prevent rusting.

No. 920—Fire pot 20x13x9 in.; height over all 45 in., width 29 in., depth 21 in., fire door 11x17½ in., floor space 31x23 in., pipe collar 7 in., heating capacity 5 rooms or 7,500 cubic feet; wt. each 450 lbs.	Each \$84.50
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All above, one in a crate.

HEATERS

OAKLAND RADILATOR

For Coal or Wood



A combination radiating and circulating heater of cast iron and steel construction; burning either coal or wood. Rectangular fire box has sectional lining. Combustion chamber is of the divided flue type with inverted gravel.

Large feed door permits firing a piece of wood as large as the fire box will hold and also makes it easier to fire when coal is used. An exceptionally large mica opening shows the cheerful glow of the fire.

Ventilated hot blast linings give years of service. Air is warmed as it passes in back of linings and is admitted at the top for more complete combustion of gases. Linings are not in direct contact with heat and therefore, last much longer.

Bottom air duct draws air in where it is heated and then discharged through the top air duct. Damper on two sides of the Radilator are opened when kindling the fire or when more draft is required. Front baffle plate causes flame to enter rear of heater. Made of 16 gauge sheet steel. Side baffles create a down draft to the bottom of heater.

Swedish hammered cast iron front and top, gun metal finish.

Nos.	121	124
Height, in.	40	43
Width, in.	21	24
Depth, in.	17 1/4	20 1/2
Fire box, in.	18x8 3/4 x 8 1/4	21x8 3/4 x 10
Grate area, sq. in.	139	210
Fire door opening, in.	17 1/4 x 8 1/4	21 1/4 x 9 1/4
Ash door opening, in.	17 1/4 x 6 1/4	21 1/4 x 6 1/4
Pipe collar, in.	7	7
Weight each, lbs.	215	275
Each	\$36.00	43.00

One in a crate.

WARM AIR FURNACES

OAKLAND OPEN DOME

One Piece Radiator



Illustration shows Pipe Furnace.

Dome and ash pit extend through front and are disc ground for perfect firing. Dome is large and heavily ribbed for strength and equipped with swinging smoke curtain. Air blast slide in fire door admits air for complete combustion of soft coal. Casing is insulated with asbestos and corrugated steel to keep heat out of basement.

One piece streamlined radiator of rounded construction allows passage of more air and is easy to clean out. Radiator and clean out cover are surface ground with an asbestos gasket to give a gas tight joint.

The straight sided fire pot has heavy ribs for durability and radiation. Deep leak-proof cup joints allow for expansion. The smooth straight sides prevent ashes accumulating and provide greater grate area.

Grate is easily shaken from standing position and is of the ball bearing, duplex shaking and dump type. All parts are heavy and durable.

Can Be Furnished in Pipe or Room Heater Styles



Illustration shows Room Heater.

Nos.	Grate Area, sq. in.	Diam. casing, in.	Diam. fire pot, in.	Height casing, in.	Size feed door, in.	Heating cap., cu. ft.	Heating surface, sq. in.	Capacity piping, sq. in.	Size smoke pipe, in.	Ship. weight less casing, lbs.	Ship. weight casing, lbs.	Furnace only, each	Casing only, each	Room Heater, each
Ⓢ21-420D	346	42	21	48	10 1/2 x 12	12-18000	4144	509	8	895	113	\$124.50	\$17.00	\$145.00
Ⓢ24-480D	448	48	24	52	11 1/2 x 14	18-24000	5257	654	8	1104	130	148.00	21.00	172.00
Ⓢ27-540D	573	54	27	56 1/2	11 3/4 x 14	24-35000	6341	825	9	1573	161	195.00	27.00	225.00
Ⓢ30-600D	707	60	30	60	11 3/4 x 14	35-50000	7675	1012	9	1807	185	257.00	31.00	291.00

Ⓢ Goods Marked Ⓢ Not Carried in Stock, but Shipped Direct from Factory, Belleville, Ill.

WARM AIR FURNACES

OAKLAND Z-RO KING "B" SERIES



One Piece Radiator

Dome and ash pit extend through front and are disc ground for perfect firing. Dome is extra high for more complete combustion before gases enter radiator. Door is exceptionally large making firing easy and is provided with a smoke curtain and an air blast slide. Casing is insulated with asbestos and corrugated steel to keep heat out of basement.

One piece streamlined radiator of rounded construction allows passage of more air and is easy to clean out. Radiator and clean out cover are surface ground with an asbestos gasket to give a gas-tight joint.

Tapering fire pot is heavily constructed with ribs for strength, durability, and radiating surface. Deep joints are provided to prevent leakage. Dome fits over top section with an overlapping cup joint.

Grate is easily shaken from standing position and is of the roller bearing, shaking and dump type. All parts are heavy and durable. Ash pit is deep and roomy with plenty of room for accumulation of ashes.

Can Be Furnished in Pipe, Pipeless or Room Heater Styles

Specifications Pipe Furnace

Nos.	Grate area, sq. in.	Diam. casing, in.	Diam. fire pot, in.	Height casing, in.	Size fire door, in.	Heating surface, sq. in.	Cap. piping, sq. in.	Heating cap., cu. ft.	Size Smoke Pipe, in.	Ship. wt. less casing, lbs.	Ship. wt. casing, lbs.
820B	224	40	20	49½	12x13	4829	404	10-13000	8	780	90
822B	265	44	22	56½	12x13	5668	478	13-18000	9	880	100
824B	330	48	24	70	13x14	6717	582	18-25000	9	1090	105
826B	393	52	26	68½	11x13½	7940	696	25-35000	9	1420	100

Specifications Pipeless Furnace

Nos.	Grate area, sq. in.	Diam. casing, in.	Diam. fire pot, in.	Hgt. cast- ing, in.	Size of fire door, in.	Heating capacity, cu. ft.	Size register, in.	Warm air register 3 way size, in.	Cold air register 3 way size, in.	Size smoke pipe, in.	Ship. wt., lbs.
820B	224	46	20	51	12x13	10-13000	30x30	20x28	20x20	8	1100
822B	265	50	22	53	12x13	13-18000	34x34	20x28	20x20	8	1300
824B	330	54	24	57	13x14	18-25000	36x36	28x36	20x26	9	1475
826B	393	60	26	56½	11x13½	25-35000	40x40	36x36	22x28	9	1785

Nos.	Furnace only, each	Casing only, each	Pipeless Complete, each	Room Heater, each
Ⓟ 820B	\$ 99.00	\$16.00	\$146.00	\$118.00
Ⓟ 822B	122.00	18.00	185.50	143.00
Ⓟ 824B	142.00	21.00	213.00	166.00
Ⓟ 826B	175.00	23.00	256.00	200.00



OAKLAND Z-RO KING "A" SERIES

Two Piece Radiator

A serviceable furnace that is priced right. Large combustion chamber for heating efficiency. Surface ground fire and ash doors produce a tight fit and resist gas and dust leaks. Front is securely bolted and cemented on. Fire pot is of tapering type and ribbed for strength and radiation. Two piece radiator is bolted and cemented together. All joints are deep cut type to allow for expansion and contraction.

Roller bearing round grate shakes easily from a standing position. The center grate operates by turning a crank, breaking and dropping all ash. With only three moving parts, there is nothing to get out of order.

The entire furnace is constructed to be gas and dirt proof. Ash pit is extra deep and roomy to protect grates.

Furnished in Pipe Style Only

Nos.	Grate area, sq. in.	Diam. casing, in.	Diam. fire pot, in.	Height casing, in.	Size fire door, in.	Heating Surface, sq. in.	Capacity piping, sq. in.	Heating capacity, cu. ft.	Size smoke pipe, in.	Ship. wt. less casing, lbs.	Ship. wt. casing, lbs.	Furnace only, each	Casing only, each
Ⓟ 818A	171	36	18	45½	12x13	4109	323	8-10000	8	600	80	\$ 76.00	\$13.00
Ⓟ 820A	224	40	20	49½	12x13	4655	398	10-13000	8	740	90	91.50	16.00
Ⓟ 822A	265	44	22	49½	12x13	5141	458	13-18000	8	810	100	107.00	18.00
Ⓟ 824A	330	48	24	53	13x14	6236	565	18-25000	9	1020	105	128.50	21.00

NOTE—Goods Marked Ⓟ Not Carried in Stock but Shipped Direct from Factory, Belleville, Ill.

LAUNDRY STOVES

ST. CLAIR



For Coal

Top 19x14 in., height 19 in., diameter of firepot 8½ in., pipe collar 6 in.

Drop feed door. Dumping and shaking grate.

No. 44—Two 8 in. covers; wt. each 44 lbs. Each \$6.50

One in a crate.



For Coal

Top 20½x14 in., height 21 in., diameter of firepot 10 in., diameter grate 8 in., pipe collar 6 in.

Swing type feed door. Dust protected draw center grate.

No. 66—Two 8 in. covers; wt. each 66 lbs. Each \$8.50

One in a crate.



For Coal

Top 20x24 in., height 21 in., diameter of firepot 13 in., diameter grate 8 in., pipe collar 6 in.

Dust protected draw center grate.

No. 490—Four 8 in. covers; wt. each 90 lbs. Each \$11.00

One in a crate.

LAUNDRY TANK HEATERS

OAKLAND

For Coal

Cast iron construction. Diameter of firepot at top 10¾ in., height firepot 6½ in., diameter of grate 8 in., height over all 22¼ in., pipe collar 6 in., size of outlet 1 in., size of inlet 1 in.

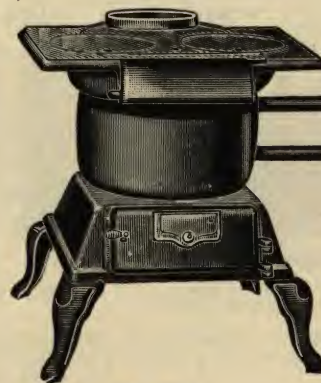


Each

No. 78—Two hole, size top 18x20 in., heating capacity 60 gals. per hour; weight each 90 lbs. \$15.50

For Coal

Cast iron construction, heavy firepot. Inside diameter of firepot at top 11¾ in., outside diameter of firepot at top 14½ in., height of fire pot 8 in., diameter of grate 9½ in., pipe collar 6 in., size of outlet 1 in., size of inlet 1 in.



No. 80A

No. 480A is not equipped with pouch feed.

Nos.	80A	480A
No. of holes	2	4
Size of top	19¼x22	22½x24½
Height, in.	24	24½
Heat cap. hour, gals.	80	80
Wt. each, lbs.	120	140
Each	\$20.50	24.00

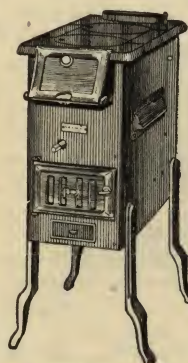
KITCHEN HEATERS

L. & H.

For Wood or Coal

Extra large full size fire box with heavy linings. Pouch feed door permits replenishing of fuel without lifting or removing cooking utensils. Double flue system causes circulation around bottom and back of heater producing more heat with less fuel. A cover lifter is furnished with each heater.

Size of top 13x25 in., height of body 22 in., size of fire box 8x17½x9 in., two 8 in. covers.



Each

No. 189—Cast iron construction, white and gray porcelain enamel finish, polished blued top; wt. each 227 lbs. \$66.00

No. 190G—Steel construction, green porcelain front, ivory sides, doors and legs, polished blued top; wt. each 160 lbs. 46.50

No. 289—Cast iron construction, white and gray porcelain front and front legs, polished blued top; wt. ea. 196 lbs. 46.50

No. 89—Cast iron construction, black finish; wt. ea. 196 lbs. 39.50

No. 88—Steel construction, black finish; wt. ea. 120 lbs. 28.00

All above, one in a crate.

ⓈFitted with Kindler \$4.00 each extra

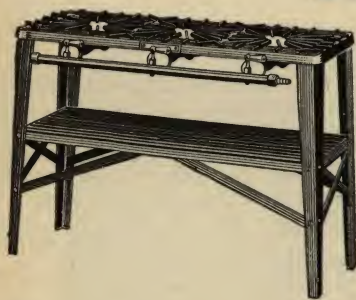
ⓈWater Front in heater 5.50 each extra

ⓈWater Front separate 7.50 each extra

NOTE—Goods Marked Ⓢ Not Carried in Stock, but Shipped Direct from Factory, Milwaukee, Wis.

GAS LAUNDRY STOVES

L. & H.



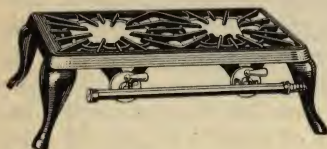
Cast iron top has supporting ridges over its top surface providing stable support for wash boilers or other large utensils. Heavy steel legs are securely bolted to top and joined by the lower shelf, which is strongly braced on all four sides. Legs are provided with extensions adjustable to different heights. Nickel plated manifold pipe. Square removable top grates. Star type burners.

Nos.	219	319
No. of burners	2	3
Size top, in.	22½x12	32x12
Height, in.	24	24
Wt. each, lbs.	37	49
Each	\$10.50	14.50

One in a carton.

GAS HOT PLATES

IXL

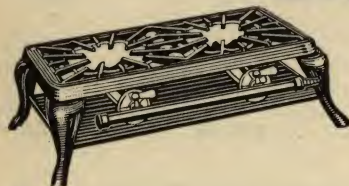


Without Tray

Star type burners, adjustable air mixers. Steel frame, black japanned finish.

Nos.	18	182	183
No. of burners	1	2	3
Size of top, in.	10¼x10¼	20x10¼	29¼x10¼
Height, in.	6	6	6
Wt. each, lbs.	11	18	24
Each	\$2.20	4.30	6.50

One in a carton.



With Tray

Star type burners, adjustable air mixers. Steel frame, black japanned finish.

Nos.	282	283
No. of burners	2	3
Size of top, in.	20x10¼	29¼x10¼
Height, in.	6	6
Wt. each, lbs.	19½	26
Each	\$4.70	7.20

One in a carton.

PORTABLE OVENS

KEROGAS

For One Burner Only

Blue steel body; single walls; deflector attached to lower rack; glass swing door.

Each

No. 114—12x10x11 in.; ship. wt. each 6 lbs.\$1.60

No. 114L—Side walls steel lined, otherwise same as above 1.80

One in a carton.

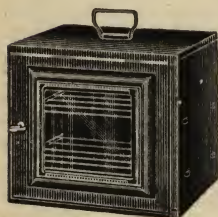
For One Burner Only

Polished blue steel body; sides tin lined; glass drop door; deflector attached to lower rack.

Each

No. 1514—13½x13¼x18½ inches; ship. wt. each 13 lbs.\$4.30

One in a carton.

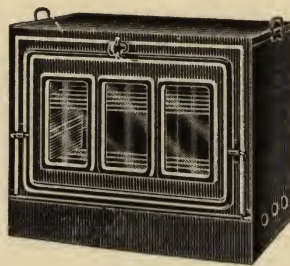


PORTABLE OVENS

KEROGAS

For Two Burners

Blued steel body; glass drop door; sides tin lined; tin panel inside door; two racks; deflector attached to lower rack; concealed door supports.

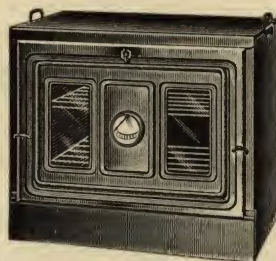


No. 2332—20½x12¾x16½ in.; shipping weight each 16 lbs. \$3.50

One in a carton.

For Two Burners

Blued steel body; glass paneled drop door fitted with thermometer; sides tin lined; tin panel inside door; two racks; deflector attached to lower rack; concealed door supports.

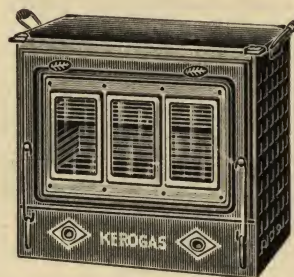


No. 2337—20½x12¾x16½ in.; shipping wt. each 16 lbs. \$4.70

One in a carton.

For Two Burners

Glass drop door with plain panels; polished blue steel body; roll edge top with aluminum corners; full tin and asbestos lined; mica peep holes with aluminum frames; two racks and separate deflector; interlocking construction of walls and top.



No. 652—21x13¼x18½ in.; shipping wt. each 21 lbs.\$6.70

No. 657—With green porcelain enamel panel in glass drop door, otherwise same as above; shipping wt. each 21 lbs. 7.60

One in a carton.

For Two Burners

Green porcelain enamel glass drop door fitted with thermometer; polished blue steel body; roll top edge with aluminum corners; full tin and asbestos lined; mica peep holes with aluminum frames; two racks and separate deflector; interlocking construction of walls and top for rigidity and durability.



No. 667—21x13¼x18½ in.; shipping wt. each 22 lbs.\$8.70

One in a carton.

OIL RANGES AND COOK STOVES

KEROGAS

Kerogas stoves are equipped with genuine brass burners with bodies drawn of one solid piece. Make their own gas from kerosene oil, burning with a steady "blue gas" flame free from soot or odor, that is proof of perfect combustion. Economical in operation as they burn 400 parts of air to every part of kerosene. Wick regulator permits setting so that any height of flame may be obtained by turning the control handle.

Oil inlet on the burner is at bottom, this guarding against water which may collect in kerosene from entering burner. A union nut connection of the burner to feed pipe secures positive contact without any chance of burner tilting. Wick raising device is positive in operation, having two cog wheels with three points of support for the stem. It grips the wick carrier at all times, insuring perfect operation and free adjustment of wick.

RANGE MODEL



Enclosed front, concealed tank; two front doors drop for easy access to oven and cooking burners. Hinged door to concealed fuel tank compartment. Rock wool insulated oven with porcelain enameled linings. Oven door fitted with heat indicator.

Equipped with auxiliary cooking top which permits two or more vessels to utilize the heat generated by only one burner. One cast iron sectional lid. Leg levelers facilitate leveling of range.

Ivory porcelain enamel finish, black porcelain enameled key plates.

Five Burners—Auxiliary Cooking Top

Oven 16x12x20 in., floor space required 50x25½ in., cooking surface 30¾x21½ in., height to cooking top 32 in., height over all 49½ in.

No. 845AR—Right hand oven; wt. each 224 lbs.....\$88.50

No. 845AL—Left hand oven; wt. each 224 lbs..... 88.50

COOK STOVE



Enclosed front, concealed tank; single drop door for easy access to cooking burners. Hinged door to concealed fuel tank compartment.

Equipped with auxiliary cooking top which permits two or more vessels to utilize the heat generated by only one burner. One cast iron sectional lid. Leg levelers facilitate leveling of stove.

Ivory, green and black enameled finish.

Without High Shelf—With Auxiliary Cooking Top

Nos.	813A	814A
No. of burners	3	4
Cooking surface, in.	33¾x21¼	42½x21¼
Height to cooking top, in.	32½	32½
Weight each, lbs.	97	115
Each	\$35.50	43.00

HIGH SHELVES FOR ABOVE

Ivory, green and black enameled finish.

Nos.	3BI	4BI
For stove, No.	813A	814A
Wt. each, lbs.	12	14
Each	\$4.30	5.00

RANGE MODEL



Enclosed front, concealed tank; single drop front door for easy access to oven and cooking burners. Hinged door to concealed fuel tank compartment. Aluminized oven interior. Porcelain enameled oven door, side and back splashers. Oven door fitted with heat indicator.

Equipped with auxiliary cooking top which permits two or more vessels to utilize the heat generated by only one burner. One cast iron sectional lid. Leg levelers facilitate leveling of range.

Ivory enameled body, green and black enameled trimmings.

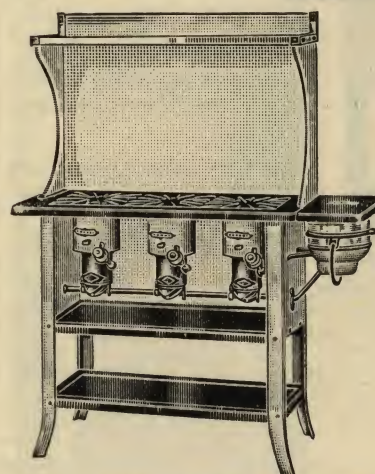
Five Burners—Auxiliary Cooking Top

Oven 16x12x20 in., floor space required 50x25½ in., cooking surface 30¾x21½ in., height to cooking top 32 in., height over all 49½ in.

No. 835AR—Right hand oven; wt. each 210 lbs.....\$76.50

No. 835AL—Left hand oven; wt. each 210 lbs..... 76.50

COOK STOVE



Heavy steel body with full cabinet back and lower shelf. End shelf protects glass oil tank and also serves as a convenient extension to the cooking top. Green porcelain enameled burner drums. Straight cooking top.

Ivory, green and black enameled finish.

Without High Shelf—With Straight Cooking Top

Nos.	229AG	239AG	249AG
No. of burners	2	3	4
Cooking surface, in.	25½x17½	35x17½	43½x17½
Height to cooking top, in.	31½	31½	31½
End shelf, in.	8½	8½	8½
Wt. each, lbs.	55	65	82
Each	\$20.20	26.00	31.50

HIGH SHELVES FOR ABOVE

Ivory, green and black enameled finish.

Nos.	2BI	3BI	4BI
For stove, No.	229AG	239AG	249AG
Wt. each, lbs.	10	12	14
Each	\$3.60	4.30	5.00

All above, one in a crate.

OIL RANGES AND COOK STOVES

PREMIER KEROGAS

Premier stoves with brass burners provide clean, intense heat with very low fuel consumption. Make their own gas from kerosene oil; burning with a steady "blue gas" flame that is proof of perfect combustion. Regulation of the flame is simplicity itself. Any heat, high, low or medium may be obtained by a turn of the control wheel.

Long chimney burners of one piece brass construction provide intense flame, readily controlled. Oil inlet is from below which avoids trapping any water which may collect in kerosene. A union nut connection of burner to feed pipe makes a tight joint. Wick raising device is positive in operation, gripping wick carrier firmly and allowing free movement of wick in burner.

RANGE MODEL



Enclosed front, concealed tank; two front doors drop for easy access to oven and cooking burners. Hinged door to concealed fuel tank compartment. Rock wool insulated oven with porcelain linings. Oven door fitted with heat indicator.

Equipped with auxiliary cooking top which permits two or more vessels to utilize the heat generated by one burner. One cast iron sectional lid. Leg levelers facilitate leveling of range.

Ivory porcelain enamel finish, black porcelain enameled

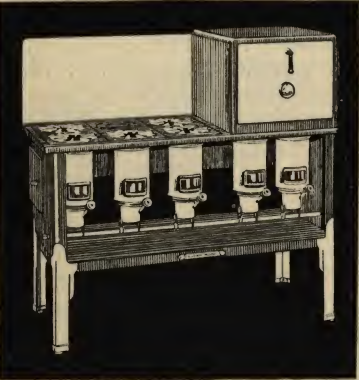
key plates, black bar handles mounted on chrome posts.

Five Burners—Auxiliary Cooking Top

Oven 16x12x20 in., floor space required 50x25½ in., cooking surface 30¾x21½ in., height to cooking top 32 in., height over all 49½ in.

Each

- No. 345AR—Right hand oven; wt. each 212 lbs.....\$83.00
No. 345AL—Left hand oven; wt. each 212 lbs..... 83.00



Hinged door to concealed fuel tank compartment. Porcelain enameled burner drums and oven door. Heat indicator in oven door.

Equipped with auxiliary cooking top which permits two or more vessels to utilize the heat generated by one burner. One cast iron sectional lid.

Green enameled sides, legs and burner drums, ivory splash back and oven door.

Five Burners—Auxiliary Cooking Top

Oven 16x12x20 in., floor space required 50x25½ in., cooking surface 30¾x21½ in., height to cooking top 32 in., height over all 49½ in.

Each

- No. 316A—Right hand oven; wt. each 176 lbs.\$51.50



Heavy steel body with lower shelf. End shelf protects the glass oil tank and also serves as a convenient extension to cooking top. Green enameled porcelain burner drums. Straight cooking top.

Green and black enameled finish.

Without High Shelf—With Straight Cooking Top

Nos.	312	313	314
No. of burners	2	3	4
Cooking surface, in.	25½x17½	35x17½	43½x17½
Height to cooking top, in.	31½	31½	31½
End shelf, in.	8½	8½	8½
Weight each, lbs.	49	59	69
Each	\$18.00	23.00	28.50

HIGH SHELVES FOR ABOVE

Ivory, green and black enameled finish.

Nos.	2BI	3BI	4BI
For stove, No.	312	313	314
Weight each, lbs.	10	12	14
Each	\$3.60	4.30	5.00

All above, one in a crate.

RANGE MODEL



Enclosed front, concealed tank; single drop door for easy access to oven and cooking burners. Hinged door to concealed fuel tank compartment. Aluminized oven interior. Porcelain enameled oven door, side and back splashes. Oven door fitted with heat indicator.

Equipped with auxiliary cooking top which permits two or more vessels to utilize the heat generated by one burner. One cast iron sectional lid. Leg levelers facilitate leveling of range.

Ivory enameled body, green and black enameled trimmings.

Five Burners—Auxiliary Cooking Top

Oven 16x12x20 in., floor space required 50x25½ in., cooking surface 30¾x21½ in., height to cooking top 32 in., height over all 49½ in.

Each

- No. 335AR—Right hand oven; wt. each 195 lbs.....\$70.00
No. 335AL—Left hand oven; wt. each 195 lbs..... 70.00



Hinged door to concealed fuel tank compartment. Porcelain enameled burner drums and oven door. Heat indicator in oven door.

Equipped with straight cooking top.

Green enameled body, sides, legs and burner drums, ivory splash back and oven door.

Five Burners—Straight Cooking Top

Oven 16x12x18½ in., floor space required 51x22 in., cooking surface 31x19¼ in., height to cooking top 32 in., height over all 47½ in.

Each

- No. 315A—Right hand oven; wt. each 162 lbs.....\$47.50

OIL RANGES AND COOK STOVES

EVERITE KEROGAS WICKLESS

An attractive line of wickless oil stoves which generate their own gas from kerosene oil. Operate by the immersion of asbestos lighting ring into oil supply, the level of the oil being constant with the height of the fuel in the sub-tank. Burn with an intense blue flame, free from soot or odor.

Burner drums are porcelain enameled and scientifically constructed with perforated inner tubes for the proper mixture of air and gas.

RANGE MODEL



Enclosed front, concealed tank; two front doors drop for easy access to oven and cooking burners. Hinged door to conceal fuel tank compartment. Rock wool insulated oven with porcelain linings. Oven door fitted with heat indicator.

Equipped with auxiliary cooking top which permits two or more vessels to utilize the heat generated by one burner. One cast iron sectional lid. Leg levelers facilitate leveling of range.

Ivory porcelain enamel finish, black porcelain enameled

key plates, black bar handles mounted on chrome posts.

Five Burners—Auxiliary Cooking Top

Oven 16x12x20 in., floor space required 50x25½ in. cooking surface 30¼x21½ in., height to cooking top 32 in., height over all 49½ in.

No. 545AR—Right hand oven; wt. each 214 lbs. \$78.50
No. 545AL—Left hand oven; wt. each 214 lbs. 78.50

With single drop door for access to oven, and cooking burners, aluminized oven interior, not lined and with porcelain enameled oven door; side and back splashers. Finished in green and ivory with black oven front, oven top and shelf. Otherwise, same as No. 545 series shown above.

No. 535AR—Right hand oven; wt. each 190 lbs. \$65.50
No. 535AL—Left hand oven; wt. each 190 lbs. 65.50



Visible glass oil fount. Porcelain enameled burner drums and oven door. Heat indicator in oven door.

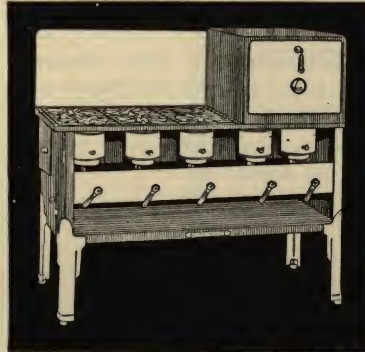
Straight cooking top. Convenient lower shelf. Leg levelers facilitate leveling of range.

Green ivory and black enameled finish.

Straight Cooking Top—Right Hand Oven

Nos.	504A	505A
No. of burners	4	5
Oven size, in.	17½x12x15½	17½x12x15½
Floor space required, in.	51x17¼	60½x17¼
Cooking surface, in.	21⅞x16½	31¼x16½
Height to cooking top, in.	32	32
Height over all, in.	49½	49½
Weight each, lbs.	114	120
Each	\$35.00	38.00

RANGE MODEL



Hinged door to concealed fuel tank compartment. Porcelain enameled burner drums and oven door. Heat indicator in oven door.

Equipped with auxiliary cooking top which permits two or more vessels to utilize the heat generated by one burner. One cast iron sectional lid. Leg levelers facilitate leveling of range.

Green enameled body, sides, legs and burners, ivory oven door and splash back.

Auxiliary Cooking Top—Right Hand Oven

Nos.	416A	516A
No. of burners	4	5
Oven size, in.	16x12x20	16x12x20
Floor space required, in.	40¾x25½	50x25½
Cooking surface, in.	20½x21½	30¼x21½
Height to cooking top, in.	32	32
Weight over all, in.	47½	47½
Weight each, lbs.	165	180
Each	\$44.00	47.00

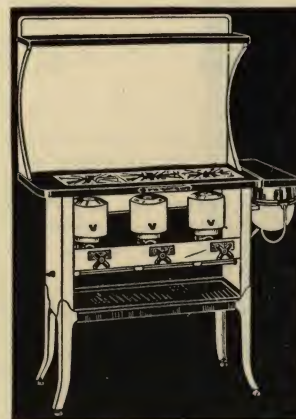
Straight Cooking Top—Right Hand Oven

Same construction as Nos. 416A and 516A shown above but with straight cooking top.

Oven 16x12x18½ in., floor space required 51x22 in., cooking surface 31x19¼ in., height to cooking top 32 in., height over all 47½ in.

No. 515A—Right hand oven; wt. each 165 lbs. \$43.00

COOK STOVE



Heavy steel body with lower shelf. End shelf protects the glass oil tank and also serves as a convenient extension to cooking top. Leg levelers facilitate leveling of stove.

Green enameled porcelain burner drums. Straight cooking top.

Green, ivory and black enameled finish.

Without High Shelf—With Straight Cooking Top

Nos.	512	513	514
No. of burners	2	3	4
Cooking surface, in.	25½x17½	35x17½	43½x17½
Height to cooking top, in.	32	32	32
End shelf, in.	8½	8½	8½
Weight each, lbs.	52	61	72
Each	\$17.00	21.00	25.50

HIGH SHELVES FOR ABOVE

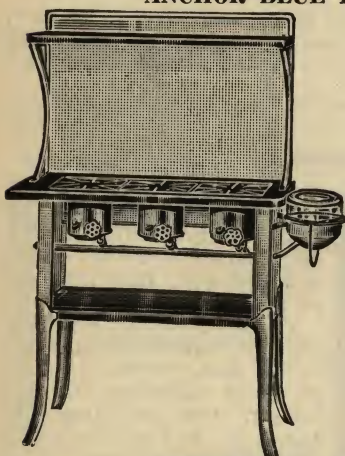
Ivory, green and black enameled finish.

Nos.	2BI	3BI	4BI
For stove, No.	512	513	514
Weight each, lbs.	10	12	14
Each	\$3.60	4.30	5.00

All above, one in a crate.

OIL COOK STOVES

ANCHOR BLUE FLAME WICKLESS



A serviceable, wickless stove which generates its own gas from kerosene oil providing a clean, blue flame of intense heat.

Glass fuel tank equipped with bail and handle for easy carrying. Straight cooking top; green and black enameled finish.

Three Burners—Without High Shelf

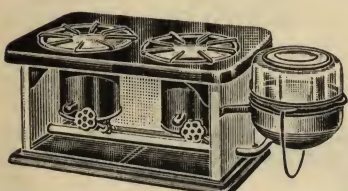
No. 043A—Cooking surface 35x17½ in., height to cooking top 31½ in.; wt. each 52 lbs.\$13.70

One in a crate.

High Shelf for Above

Green ivory and black enameled finish.

No. 3BI—For use on No. 043A oil stove; wt. each 12 lbs....\$4.30



A wickless stove, simple in construction, easily controlled and especially useful where space is limited.

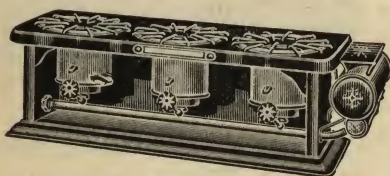
Generates its own gas from kerosene oil.

Well constructed steel frame and base. Green and black enameled body. Glass fuel tank with bail, handle and automatic feed.

Not made for high shelf.

Nos.	032	033
No. of burners	2	3
Size of top, in.	22x14	32x14
Height, in.	10¾	10¾
Wt. each, lbs.	22	29
Each	\$8.00	10.50

One in a carton.



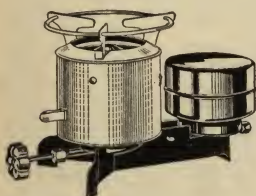
A wickless stove which provides ideal cooking service, indoor or out—in the home, camp or anywhere that quick heat is desired. Generates its own gas from kerosene oil.

Well constructed steel frame and base. Green and black enameled body. Safety oil tank has automatic oil feed.

Not made for high shelf

Nos.	31A	32A	33A
No. of burners	1	2	3
Size of top, in.	14x14	22x14	32x14
Height, in.	9¾	9¾	9¾
Wt. each, lbs.	12	17	23
Each	\$5.80	7.20	9.80

One in a carton.



A portable, wickless oil stove with a well constructed steel frame.

Aluminized burner, black japanned frame, feet and fuel tank.

Oil tank is equipped with automatic oil feed.

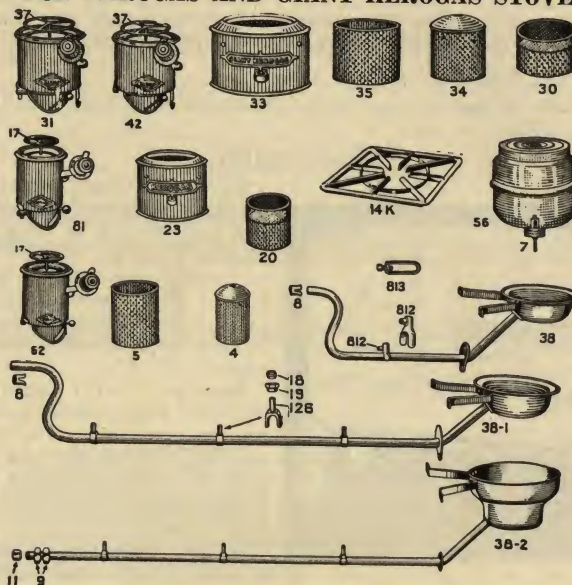
Each

No. 30—1 burner, capacity fuel tank 1 qt., height of stove 9 in., width 15 in.; wt. each 4 lbs.\$3.40

One in a carton.

OIL STOVE REPAIR PARTS

FOR KEROGAS AND GIANT KEROGAS STOVES



Nos.	Description of Part	Each
1	—Burner complete with Wick (without burner drum) 1914 and years previous	\$2.80
4	—Inner perforated Tube of Burner Drum (replaces former flat top style)	.30
5	—Outer Perforated Tube of Burner Drum	.30
6	—Glass Oil Tank with Automatic Valve (prior to 1915)	1.35
7	—Automatic Valve only for Glass Oil Tank	.30
8	—Slip Cap for end of Supply Pipe	.10
9	—Two Lock Nuts on Supply Pipe	.20
10	—Lead Plug only for Pipe Cap	.20
11	—Pipe Cap with Plug for end of Supply Pipe	.25
12	—Saddle on Supply Pipe for Clamp Burner Holder	.25
13	—Clamp Burner Holder with Set Screw	.25
14K	—Top Grates (prior to 1929) 9¼x9 in. (1929 and later) 9¼x10½ in.	.55
17	—Lifting Wheel on top of burner	.30
18	—Washer for Union Nut Connection	.15
19	—Union Nut only	.15
20	—Wick, with carrier complete, each	.30
23	—Burner Drum complete (enameled)	1.35
31	—Giant Kerogas Burner, complete with wick (without burner drum) prior to 1926	5.25
33	—Giant Kerogas Burner Drum, complete (enameled)	2.25
34	—Giant Inner Perforated Tube of Burner Drum	.50
35	—Giant Outer Perforated Tube of Burner Drum	.50
42	—Giant Kerogas Burner replaces No. 39 for all stoves 1926 and after	5.25
51	—Burner (1915) complete with Wick (without burner drum)	2.80
56	—Glass Oil Tank with Automatic Valve (1915 and later)	1.35
61	—Burner (1916-17) complete with Wick (without burner drum)	2.80
62	—Regular Kerogas Burner (replaces No. 29 for all stoves 1926 and after)	2.80
81	—Burner (1918-25) complete with Wick (without burner drum)	2.80
88	—Supply Pipe with Sub-tank complete	
	For 1 burner stove (1918-1925)	2.25
	For 2 burner stove (1918-1925)	2.75
	For 3 burner stove (1918-1925)	3.25
	For 4 burner stove (1918-1925)	3.75
	For 5 burner stove (1918-1925)	4.25
88-1	—Supply Pipe with Sub-tank complete	
	For 2 burner stove (1926-1931)	2.75
	For 3 burner stove (1926-1931)	3.25
	For 4 burner stove (1926-1931)	3.75
	For 5 burner stove (1926-1931)	4.25
88-2	—Supply Pipe with Sub-tank complete	
	For 2 burner stove (1932 and later)	2.75
	For 3 burner stove (1932 and later)	3.25
	For 4 burner stove (1932 and later)	3.75
	For 5 burner range (1932 and later)	3.75
	For 5 burner range (1932 and later)	5.00
	For Tabletop range (upper) (1932 and later)	3.25
	For Tabletop range (lower) (1932 and later)	3.25
126	—Saddle for Supply Pipe (1926 and later)	.25
512	—Saddle on Supply Pipe for Clamp Burner Holder (1918-1925)	.25
513	—Clamp Burner Holder with Set Screw (1918-1925)	.25
	Steel Legs with Bolts, each	.45
	Cast Iron Legs for 5 burner and No. 409	
	Cabinet Oil Range, each	1.00

Note—When ordering always give number of part and name of stove for which part is wanted.

GASOLINE RANGES AND COOK STOVES

KEROGAS PRESSURE

Instant and direct lighting; strike a match and turn a valve, burner starts at once. The simplest and most dependable lighting method, no delicate or complicated parts, no pre-heating tubes or hot blast cups to get out of order, no spring or coil in generator to clog up. Always ready for use; brings the convenience of a city gas range to homes without gas.

The clean, "blue gas" flame of these stoves is proof of perfect combustion. Intense heat or a simmering flame is instantly available since each burner is regulated separately. Air pump is built on, a part of the stove itself; operated from a natural position at a convenient angle.

RANGE MODEL



Concealed fuel tank, built-in pump, new direct lighting generator and quick acting burner valves. Rock wool insulated oven with porcelain enameled linings. Heat indicator in oven door. Broiler drawer slides out easily, bringing food within convenient reach.

Four top cooking burners and one oven burner.

Ivory porcelain enamel finish with amber pearl top, cover, columns and base strip.

Oven 16x14x9 in., broiler 14x5½x18½ in., cooking surface 18x18 in., height to cooking surface 35¼ in., length over all 40½ in., depth 27 in., height closed 40¼ in., height open 46¼ in.

Each
No. 915—Right hand oven; wt. each 292 lbs.\$120.00



Concealed fuel tank, built-in pump, new direct lighting generator and quick acting burner valves. Aluminized oven interior. Heat indicator in oven door. Porcelain enameled oven door panel, side and back splashes.

Four top cooking burners and one oven burner.

Ivory, green and black enameled finish.

Oven 16x12x20 in., cooking surface 21¼x21¼ in., height to cooking surface 32 in., length over all 40¼ in., depth 24 in., height 49 in.

Each
No. 904—Right hand oven; wt. each 208 lbs.\$64.50

RANGE MODEL



Concealed fuel tank, built-in pump, new direct lighting generator and quick acting burner valves. Rock wool insulated oven with porcelain enameled linings. Heat indicator in oven door. Broiler drawer slides out easily bringing food within convenient reach.

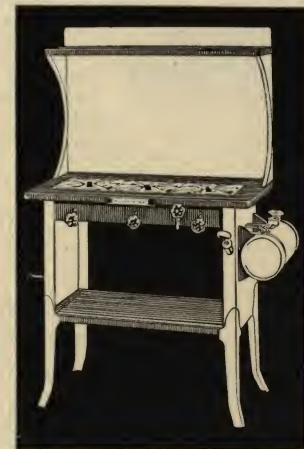
Four top cooking burners and one oven burner.

Ivory porcelain enamel finish with amber pearl top and cover.

Oven 16x13x9 in., broiler 16x7½x19 in., cooking surface 18x18 in., height to cooking surface 35½ in., length over all 38½ in., depth 27 in., height closed 39½ in., height open 46½ in. Each

No. 905—Right hand oven; wt. each 263 lbs.\$101.00

COOK STOVE



Heavy steel body with lower shelf. New direct lighting generator and quick acting burner valves. Built on air pump. Metal fuel tank.

Green enameled body and legs, black finished cooking top and lower shelf.

Without High Shelf			
Nos.	12BG	13BG	14BG
No. of burners	2	3	4
Size cooking top, in.	25½x17½	35x17½	43½x17½
Height, in.	31½	31½	31½
Weight each, lbs.	52	68	82
Each	\$25.50	30.50	35.50

HIGH SHELVES FOR ABOVE

Ivory, green and black enameled finish.			
Nos.	2BI	3BI	4BI
For stove, No.	12BG	13BG	14BG
Weight each, lbs.	10	12	14
Each	\$3.60	4.30	5.00

All above, one in a crate.

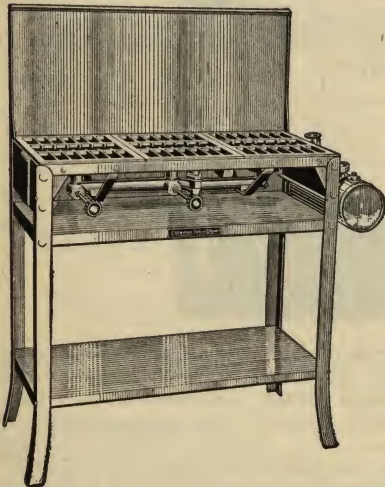
CABIN COOK STOVES

COLEMAN PRESSURE, GASOLINE

Make and burn their own gas from any good grade of clean gasoline free of anti-knock compounds.

Provide city gas convenience in tourist camps, cabins, summer homes, cottages or anywhere, where clean quick-cooking heat is required.

Light instantly, no preheating, no waiting. Can be adjusted to any cooking heat needed.



Instant Lighting; Three Burners

With splashback, high legs and bottom shelf.

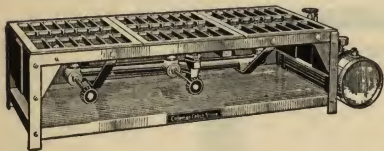
Electrically welded "Everdur" metal fuel tank will not rust or corrode. Equipped with hand operated filler plug, Instant-Gas carburetor valve with automatic safety lock and fuel gauge. Separate pump.

Capacity of tank 6 pints, enough for 8 to 10 hours cooking service on all three burners.

Splashback, legs and lower shelf finished in ivory baked enamel; burner box and tank in forest green.

Three Band-A-Blue burners, removable black baked enamel cast iron grates.

No. 379—Height 45 in., cooking top 14x30 $\frac{3}{4}$ in., length 37 in., width 16 in.; ship. wt. each 56 lbs. \$31.50



Instant Lighting; Hot Plate Type

Same mechanical construction as No. 379 shown above, except without splashback and high legs.

Forest green finish over all, black baked enamel cast iron grates.

Nos.	377	378
Burners	2	3
Cooking top, in.	14x23 $\frac{1}{4}$	14x30 $\frac{3}{4}$
Length, in.	28 $\frac{1}{2}$	36
Width, in.	15	15
Height, in.	9	9
Shipping weight each, lbs.	34	43
Each	\$21.50	27.50

CAMP STOVE STANDS

COLEMAN FOLDING

Fits all Coleman stoves and practically all other camp stoves.

All steel construction. Folds compactly. When set up all folding joints lock automatically, making a rigid high stand of proper cooking height.

Finished in attractive forest green enamel.



No. 10—Size folded 2 $\frac{1}{2}$ x2x26 $\frac{1}{2}$ in., wt. each 8 lbs. \$2.70

CAMP STOVES

COLEMAN PRESSURE, GASOLINE

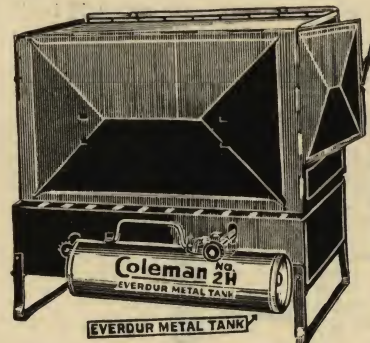
Make and burn their own gas from any good grade of clean gasoline free of anti-knock compounds.

Light instantly, no preheating, no waiting. Can be adjusted to any cooking heat needed.

A fine general utility stove for use in cabins, summer kitchens, small apartments and light housekeeping rooms.

Electrically welded "Everdur" metal fuel tank will not rust or corrode. Has built-in pump and hand-operated filler plug. Band-A-Blu burners light instantly and are quiet in operation.

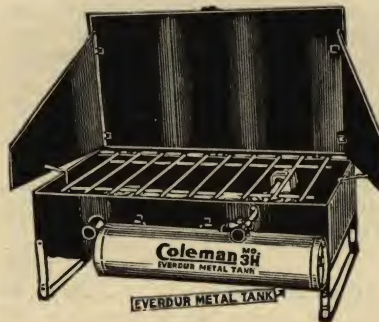
Folding built-in oven can also be used as a drum heater and warming cabinet. Stove folds up like a suit case. Strongly constructed body finished in forest green baked enamel; tank in bronze lacquer; nickel plated strap legs.



Each

No. 2H—18 $\frac{1}{2}$ x11 $\frac{1}{4}$ x4 $\frac{3}{4}$ in. stove, 18x10 $\frac{1}{4}$ x10 $\frac{1}{4}$ in. oven; shipping weight each 22 lbs. \$13.50

No. 9H—Without built-in oven, otherwise same as No. 2H; shipping weight each 18 $\frac{1}{2}$ lbs. 10.90



This strongly built thoroughly reliable popular priced camp stove is a favorite with sportsmen and tourists everywhere. Has all the superior features of No. 2G except that it has no oven, but is equipped with wind-shield.

Body finished in forest green baked enamel tank in bronze lacquer; nickel plated legs; folds up like a suit case.

No. 3H—22 $\frac{1}{2}$ x12 $\frac{3}{4}$ x5 $\frac{1}{4}$ in.; shipping weight each 22 lbs. .. \$13.50

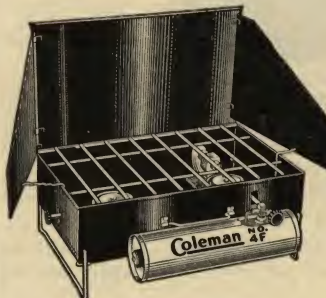


A popular new low-priced model. Supplies the demand for a compact serviceable stove at low cost.

Has the new "Everdur" metal fuel tank which is rust and corrosion-proof. Tank may be removed without disturbing utensils on cooking surface. Windshield protects flame.

Body finished in forest green baked enamel, tank in bronze lacquer.

No. 6F—17 $\frac{1}{4}$ x11 $\frac{1}{4}$ x4 $\frac{1}{4}$ in.; ship. wt. each 12 lbs. \$9.00



A camp stove of real Coleman quality and operating efficiency, that enables you to supply the demand in the low price field.

A dandy stove for picnics, week-end jaunts, touring, fishing, hunting and camping.

Lights instantly just like gas. Cooks like gas. Wind-proof Hi-power burners; steel fuel tank, one quart capacity, quickly removed for filling.

Body finished in olive green, steel wire legs.

No. 4F—17 $\frac{1}{4}$ x11 $\frac{1}{4}$ x4 $\frac{1}{4}$ in., shipping weight each 12 lbs. .. \$6.60

All above, one in a carton.

CAMP STOVES

KEROGAS KEROSENE



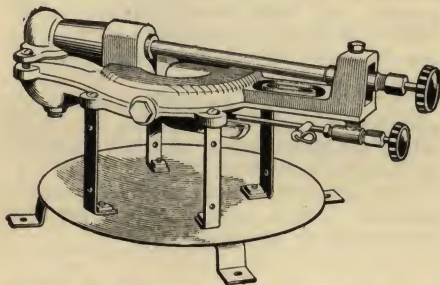
For any purpose where a small readily-portable stove is needed. Used by tourists, campers, barbers, chemists, physicians; many uses about the home.

Durably constructed of steel with staunch legs, black japan finish. Provided with handle for carrying. Equipped with one-piece, brass Kero-gas burner—rust proof and seamless. Scientifically constructed burner drum.

No. 119B—13½ in. high, 10½ in. diam., capacity of fount 1 qt.; shipping wt. each 10 lbs.\$7.90

BURNERS

COLEMAN PRESSURE



With Match Lighting Preheater

These burners provide a quick, sure method of heating where regular city gas cannot be obtained or is unsatisfactory. They make and burn their own gas from any good grade of gasoline free of anti-knock compounds. May be

used with any cooking or lighting plant, where a fuel supply tank and hollow wire system is used or may be operated independently from a fuel supply tank. Made to give dependable service under boilers, steam tables, roadside stands, restaurants, show concessions, dairies, creameries, etc.

Equipped with combination match-lighting and pan-type pre-heater insuring uninterrupted service. Straight-type, special alloy generator gives long service; is easily cleaned. Quickly removed by loosening one set screw. Has 9-inch heat baffle located below burner.

Nos.	501	751
Size burner, in.	5	7
Height, in.	6¼	6¾
Ship. wt. each, lbs.	9	10½
Each	\$10.00	11.50

FUEL TANKS

COLEMAN PRESSURE

With Attached Pump



For use with all burners equipped with pre-heaters. Made of heavy gauge lead coated steel, electrically welded.

Equipped with air pressure gauge, hand operated filler plug, air and fuel valves. Pump has a 21 inch barrel and can be easily removed from tank.

No. 653B—Capacity 10 gallons, holds 6 gallons fuel, 4 gallons air; height 25½ in., diameter 12½ in.; ship. wt. each 21 lbs.\$13.20

With Instant Gas Carburetor Valve

Heavy gauge lead coated steel. Provides gas instantly for starting by the carburetor method.

Tank equipped with extra bushing so a second instant gas carburetor valve can be installed. May be used with all Coleman burners, making them instant-lighting.

No. 465-199—Cap. 5 gals., holds 3 gallons fuel, balance air; height 12¾ in., diameter 12 in., complete with pump and 10 ft. hollow wire; ship. wt. each 13 lbs.\$13.20



All above, one in a carton.

FUEL TANKS

COLEMAN PRESSURE

With Instant Gas Carburetor Valve



Heavy gauge lead coated steel. Provides gas instantly for starting by the carburetor method.

May be used with all Coleman burners, making them instant-lighting.

No. 457-199—Capacity 3 gallons, holds 2 gallons fuel, 1 gallon air; height 9¼ in., diameter 12 in.; complete with pump and 4 ft. hollow wire; ship. wt. each 11 lbs. \$11.60

GASOLINE WATER HEATERS

COLEMAN PRESSURE

With Match Lighting Preheater

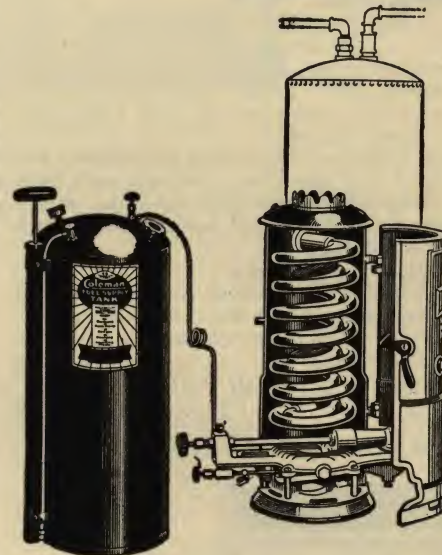
Also has pan type preheater.

Provides steaming hot water in just a few minutes. Has 21 feet of double coil ¾ in. copper tubing enclosed in cast iron jacket and heated with a 5 in. Coleman burner.

Equipped with No. 653B 10 gallon fuel tank. Tank made of heavy gauge rust-resisting steel electrically welded.

Equipped with air pressure gauge, hand operated filler plug, air and fuel valves.

Giant pressure pump with 21 in. barrel attached to tank.



Capacity of fuel tank 10 gallons, with 6 gallons fuel capacity and 4 gallons air space; height of tank 25½ in., diameter 12½ in.

No. 463T—Complete with 5 in. burner, tank pump and 10 feet of hollow wire; ship. wt. each 57 lbs.\$36.60

No. 463—Same as above but without tank; ship. wt. each 39 lbs. 23.50

Instant Lighting

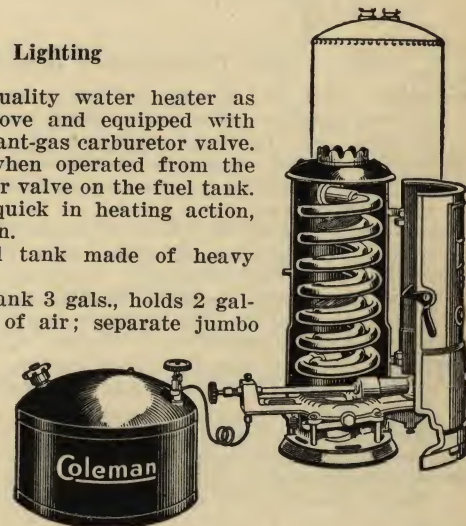
The same high quality water heater as No. 463T shown above and equipped with fuel tank having instant-gas carburetor valve.

Lights instantly when operated from the instant-gas carburetor valve on the fuel tank.

Easy to operate, quick in heating action, sturdy in construction.

Heavy gauge fuel tank made of heavy lead-coated steel.

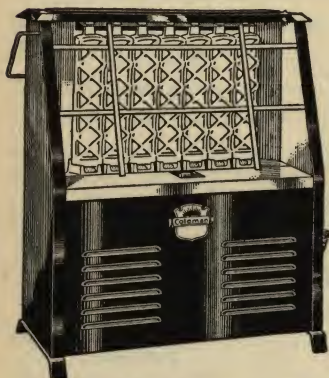
Capacity of fuel tank 3 gals., holds 2 gallons of fuel and 1 of air; separate jumbo air pump. Diameter of fuel tank 12 in., height 9¼ in.; heater height 19 in., diameter 7¾ in.



No. 463G—Complete with 5 in. burner, tank and pump; shipping weight each 51 lbs.\$33.00

GASOLINE RADIANT HEATERS

COLEMAN



Instant Lighting—Requires no pre-heating. Just strike a match, turn a valve and it's going.

New Safety Lock Valve—Prevents flooding, controls flow of fuel while lighting.

Portable—Strong convenient handle; easily carried anywhere. No connection or installation necessary.

Operation—Makes and burns its own gas from any good grade of clean untreated motor gasoline.

Tank—Strong, durable, electrically welded, rust-resisting, easily removable. Fuel capacity 7 pints. Separate air pump. Hand operated filler plug.

Generator—Made of seamless alloy tubing, prevents warping. Cleaning needle automatically cleans gas tip each time valve is opened and closed. Easily removed.

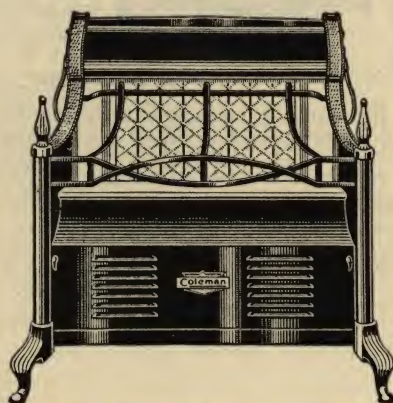
New and Improved Burner—Designed for perfect combustion and odorless operation. Hard clay gas tips. Draining well built into casting bottom. Long-slotted cast iron sub-flame burner built beneath generator holds flame and insures ample heat for complete vaporization of fuel.

Radiants—Seven single radiants of best clay

Design and Finish—Nickel plated steel dress guards. Polished aluminum heat deflector. Frame and body finished in rich bronze-brown baked enamel. Top of brown porcelain enamel, heat-resisting and non-tarnishing. Each

No. 16—Height 18½ in.; width 16 in.; depth 7½ in.; shipping weight each 24 lbs.\$19.60

One in a carton.



With Thermo-Safety Generator

Operation—Portable. Makes and burns its own gas from untreated gasoline. Produces a fresh, clean, fan-like zone of radiant heat. Instantly regulated.

Instant Gas Starter—Lights instantly with a match, quickly pre-heats the generator so that you have a full flow of heat in a minute or less.

Design—Fluted door; decorative dress guards and column ornaments; andiron feet; aluminum heat deflector.

Removable Fuel Tank—Capacity 1 gallon. Heavy gauge sheet steel, electrically welded. Built-in pump, combination air-and-fuel gauge, two fuel control valves, and combination drip-pan and baffle plate.

Generator—Special Coleman Thermo-Safety type. Automatically controls flow of fuel—prevents flooding. Made of seamless brass tubing.

Improved Burner—Gray cast iron. Hard clay gas tips.

Radiants—Eight single radiants of best fire clay.

Finish—Heat-resisting, non-tarnishing. Frame and body finished in rich bronze-brown baked enamel; top is of brown porcelain enamel. Each

No. 5B—Height 23 in., width 25 in., depth 12½ in.; shipping weight each 42 lbs.\$36.00

One in a carton.

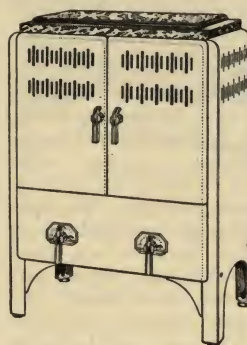
KEROSENE DUPLEX HEATERS

KEROGAS

A wickless heater which also serves as a cooker. Provides a quick, clear flame that insures steady heat. No flue connections required, can be used anywhere.

Extremely simple in construction without complicated parts. Operates by the immersion of the asbestos lighting ring into the oil supply.

Fitted with a humidifier tank that insures properly moistened, healthful heat.



Double Burner

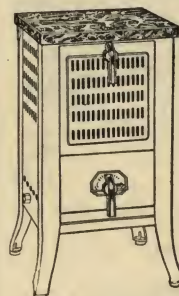
Trim, smooth flowing lines, attractive brown art metal finish. Brown porcelain enamel top with ivory marble finish. Brown porcelain enamel top with ivory marble finish. Chromium plated handles. Two swing doors.

Fitted with wire rack to accommodate cooking utensils, two gallon oil tank with automatic feed and leg levelers to facilitate leveling heater.

Two powerful, giant wickless burners provide a clean, intense blue flame free from soot or smudge.

No. 632—2 burners, width 24½ in., depth 15 in., depth over all 22 in., height 32½ in., shipping wt. each 86 lbs.\$32.50

Each



Single Burner

A smaller type heater than the above with one giant wickless oil burner. Finished in attractive rich brown art metal with top of ivory marble brown porcelain enamel.

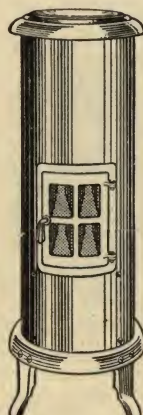
Fitted with wire rack to accommodate cooking utensils. One gallon glass oil tank with automatic feed and leg levelers to facilitate leveling heater.

No. 631—1 burner, width 14 in., depth 12¾ in., depth over all 21½ in., height 26 in.; shipping wt. each 46 lbs. ...\$20.90

Each

CIRCULATING OIL HEATERS

KEROGAS



Hot Blast, Bowl Burner Type

Contains no wicks or lighting rings. Oil enters burner bowl directly where it is burned and provides volumes of even, dependable heat.

Round blue steel body, removable fuel tank.

Burns No. 1 furnace oil, range oil or kerosene. Produces approximately 45,600 B. T. U.'s per hour, heating a space of 4,000 to 4,800 cubic feet. 3 to 8 hours service per gallon of fuel.

No. 300—9½ in. burner, fuel capacity 3 gals., height 44 in., diameter 13½ in.; shipping wt. each 105 lbs.\$50.00

Each

All above, one in a crate.

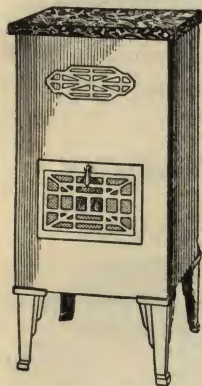
CIRCULATING OIL HEATERS

KEROGAS

Operation of these heaters is simplicity itself. Merely open the valve, allow a few moments for oil to enter burner, then light with a match. When full fire is reached, regulate the intensity of the flame with the valve as desired.

Burners contain no moving parts, no wicks or lighting rings are employed. Oil enters burner bowl directly where it is burned and provides volumes of even, dependable heat, always available for as long or short a period as required.

Burns No. 1 furnace oil, range oil or kerosene.



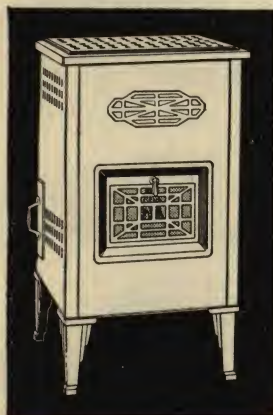
Hot Blast, Bowl Burner Type

Serviceable black porcelain enamel finish with marbled ivory and black cover. Chromium trim.

Equipped with safety float valve. Will produce approximately 45,600 B. T. U.'s per hour, heating a space of 4,000 to 4,800 cubic feet. 3 to 8 hours service per gallon of fuel.

Each

No. 305—9½ in. burner, fuel capacity 3 gals., height 40 in., width 18½ in., body depth 15½ in.; ship. wt. each 120 lbs.\$83.00



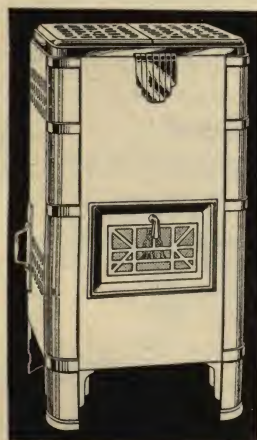
Distinctive brown hard art metal finish with brown porcelain enameled top and door. Chromium trim.

Equipped with hinged lifting cover, humidifier and safety float valve.

Will produce approximately 45,600 B. T. U.'s per hour, heating a space of 4,000 to 4,800 feet. 3 to 8 hours service per gallon of fuel.

Each

No. 310—9½ in. burner, fuel capacity 4 gals., height 43 in., width 23½ in., body depth 18½ in.; ship. wt. each 155 lbs.\$99.50



Sides and front brown hard art metal finish with chromium trim. Cast iron top grille and door porcelain enameled.

Equipped with humidifier and safety float valve.

Will produce approximately 45,600 B. T. U.'s per hour, heating a space of 4,000 to 4,800 cubic feet. 3 to 8 hours service per gallon of fuel.

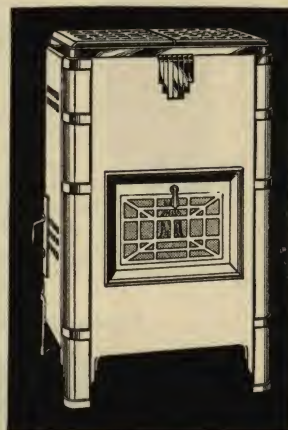
Each

No. 315—9½ in. burner, fuel capacity 4 gals., height 43½ in., width 22 in., body depth 18¼ in.; ship. wt. each 170 lbs.\$110.00

All above, one in a carton.

CIRCULATING OIL HEATERS

KEROGAS



Sides and front brown hard art metal finish with chromium trim. Cast iron top grille and door porcelain enameled.

Equipped with humidifier and safety float valve.

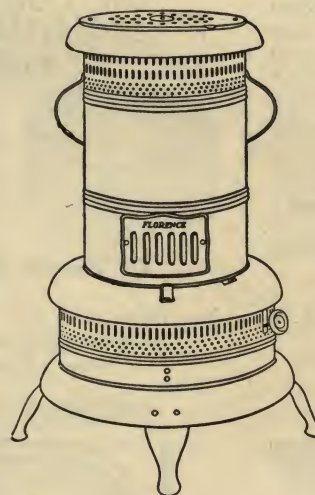
Will produce approximately 55,000 B. T. U.'s per hour, heating a space of 5,200 to 6,000 cubic feet. 2½ to 8 hours service per gallon of fuel.

Each

No. 320—12 in. burner, fuel capacity 6 gals., height 45½ in., width 27½ in., body depth 19 in.; ship. wt. each 210 lbs.\$120.00

OIL HEATERS

FLORENCE



A portable, radiant type heater that gives heat where and when wanted. Odorless, smokeless and safe in operation.

"Never-fail" latch locks from weight of drum. Patented brass air distributor gives a steady, even flame. Automatic wick stop for proper flame adjustment. Oil gauge on reservoir can be seen when heater is in operation.

Convenient carry handle, self-locking bail on reservoir.

Nos.	H84	H124
Height, in.	24	25½
Wick size, in.	8	12
Capacity fount, gals.	¾	1¼
Weight each, lbs.	9½	13½
Each	\$8.50	11.70

MAIL ORDERS—Mail Orders are carefully handled by experienced men so that your wants may be properly taken care of. You may tender us your mail orders with confidence, as they will receive the same proper, careful attention and low prices as if taken by salesmen.

OIL COOK STOVE WICKS

KEROGAS



Woven from selected cotton yarn, uniform in size and shape.

Mounted on one piece seamless metal carrier.

For Regular Kerogas Burners

Per dozen

No. 20— $3\frac{7}{8}$ in. long over all, $2\frac{1}{8}$ in. length of carrier, $3\frac{3}{8}$ in. diam.; wt. per dozen 3 lbs.\$4.50

One in a box, three dozen in a carton.

For Giant Kerogas Burners

Per dozen

No. 30— $3\frac{7}{8}$ in. long over all, $2\frac{3}{8}$ in. length of carrier, $4\frac{1}{8}$ in. diam.; wt. per dozen 5 lbs.\$7.50

One in a box, one dozen in a carton.

PERFECTION



Woven from special cotton wicking, free from knots and thick places.

With metal carrier.

For Regular Perfection, Puritan and Ivanhoe Burners

Per dozen

No. 331— $3\frac{1}{2}$ in. long over all, $2\frac{1}{4}$ in. length of carrier, $3\frac{1}{4}$ in. diam.; wt. per dozen $1\frac{1}{2}$ lbs.\$4.66

One in a box, one dozen in a carton.

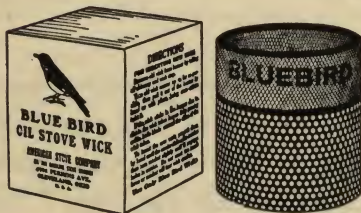
For Giant Perfection Burners

Per dozen

No. 441— $3\frac{1}{2}$ in. long over all; $2\frac{1}{4}$ in. length of carrier, $4\frac{1}{8}$ in. diam.; wt. per dozen 3 lbs.\$8.60

One in a box; one-half dozen in a carton.

BLUE BIRD



Made of high grade cotton fibres, will burn with an even flame. Complete with carrier.

For use on Clark, Jewel, Dangler, Quick Action, Quick Meal and other stoves.

Per dozen

Blue Bird— $3\frac{3}{4}$ in. long over all, $2\frac{1}{2}$ in. length of carrier, $3\frac{1}{2}$ in. diam.; wt. per dozen 4 lbs.\$4.20

One in a box, one dozen in a carton.

OIL COOK STOVE WICKS

LORAIN



Closely woven of highest grade cotton and extra heavy in weight. With metal carrier.

Made especially for use on stoves equipped with Lorain burners.

Per dozen

Lorain—4 in. long over all, $2\frac{3}{8}$ in. length of carrier, $2\frac{3}{4}$ in. diam.; wt. per dozen 4 lbs.\$4.20
One in a box, one dozen in a carton.

NESCO

Formerly Called Rockweave



Long asbestos fibres spun around brass wires. These wire-cored strands are woven into a compact fabric.

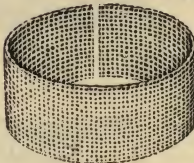
For Standard Size Burners

Per dozen

No. 2122— $1\frac{1}{2}$ in. high, $3\frac{1}{2}$ in. diam.; wt. per dozen $\frac{1}{2}$ lb.\$4.00
One dozen in a box.

OIL COOK STOVE LIGHTING RINGS

EVERITE



Asbestos woven wire ring, of uniform size and shape. Easy to insert and remove.

For Regular Everite Burners

Per dozen

No. 133X— $1\frac{7}{8}$ in. high, $3\frac{3}{8}$ in. diam.; wt. per dozen $\frac{1}{2}$ lb.\$1.90
One dozen in a box.

FLORENCE KINDLERS



Made of asbestos paper fitted into a tin collar. Intended for use on all Florence oil stoves since 1917.

For Regular Florence Burners

Per dozen

No. 133A— $1\frac{1}{4}$ in. high, 4 in. diam.; wt. per dozen $1\frac{1}{2}$ lbs.\$1.60
One-half dozen in a box.

For Giant Florence Burners

Per dozen

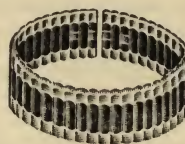
No. 205A— $1\frac{1}{4}$ in. high, 5 in. diam.; wt. per dozen 4 lbs.\$2.40
One-half dozen in a box.

Per dozen

No. 136—Inner cylinder only; wt. per dozen 8 lbs.\$7.20
One-half dozen in a box.

OIL COOK STOVE LIGHTING RINGS

ANCHOR BLUE FLAME



Asbestos, uniform in size and shape. Open back, easy to insert.

For use on Anchor Blue Flame or Auto Feed burners.

Per dozen

No. 11— $\frac{7}{8}$ in. high, $3\frac{3}{8}$ in. diam.; wt. per dozen $\frac{1}{2}$ lb.\$0.76

Two dozen in a carton.

OIL HEATER WICKS

NESCO



Perforated metal carrier.

For Three and Four Quart Nesco Heaters

Per dozen

No. 348—8 in. circumference, 8 in. long; wt. per dozen 5 lbs.\$7.30

One in a box; one dozen in a carton.

PERFECTION



Special weave cotton wicking, perforated metal carrier.

For All Models Perfection Heaters Except 300 and 400 Series

Per dozen

No. 500— $8\frac{1}{8}$ in. circumference, $8\frac{1}{4}$ in. long; wt. per dozen 4 lbs.\$6.50

For Old Style Perfection Heaters

Per dozen

No. 325— $8\frac{1}{8}$ in. circumference, $5\frac{1}{4}$ in. long; wt. per dozen 4 lbs.\$7.20

One in a box, one dozen in a carton.

FLORENCE



High grade cotton wicking, perforated metal carrier.

Per dozen

No. 181A—For use on 8 in. Florence room heater burners; wt. per dozen $4\frac{1}{2}$ lbs.\$ 6.80

No. 200A—For use on 12 in. Florence room heater burners; wt. per dozen 8 lbs. 10.10

One dozen in a carton.

FLUE STOPPERS

GEM



Flat pattern, apple green finish. Coppered steel wire fasteners give four convenient holding points in the flue. Very convenient when flue is to be covered with wall paper.

Nos.	16	17	18
Fits flue, in.	6	7	8
Diam., in.	7 $\frac{3}{4}$	7 $\frac{3}{4}$	8
Wt. doz., lbs.	3 $\frac{1}{2}$	3 $\frac{1}{2}$	4
Per dozen	\$1.80	1.80	2.90

One dozen in a box.

GEM FANCY ADJUSTABLE



Lacquered, embossed tin rim. Decorated face, coppered steel wire fasteners, giving four holding points in the flue.

Nos.	36	37	38
Fits flue, in.	6	7	8
Diam., in.	8 $\frac{1}{4}$	8 $\frac{1}{4}$	9 $\frac{3}{4}$
Wt. doz., lbs.	3	3	3 $\frac{1}{2}$
Per dozen	\$1.60	1.60	2.70

One dozen in a box.

KIRCH ADJUSTABLE



Heavy sheet steel cone lock keeps back soot 3 $\frac{1}{2}$ in. from cover, excludes gases, fire, water and smoke. Attractive gold lacquered front or cover with lithographed picture.

	Per dozen
Kirch—Adjustable for 5, 6, or 7 in. flue; wt. per doz. 5 lbs.	\$2.50
One dozen in a box.	

STOVE PIPE COLLARS



ROPE PATTERN

Gold lacquered.

Nos.	26	27
For pipe, in.	6	7
Diam., in.	9 $\frac{1}{4}$	10 $\frac{3}{4}$
Wt. dozen, lbs.	1 $\frac{3}{4}$	2
Per dozen	\$0.60	.72

One dozen in a box.

STOVE PIPE DAMPERS

GRISWOLD



American

One piece non-breakable steel spindle reversible cast iron blade, nickel plated steel ferrule and coil handle. Sharp point on spindle for piercing stove pipe.

Nos.	3	4	5	6
Diam., in.	3	4	5	6
Wt. doz., lbs.	3 $\frac{1}{4}$	5 $\frac{1}{4}$	7 $\frac{1}{4}$	10
Per dozen	\$1.90	2.20	2.40	2.50

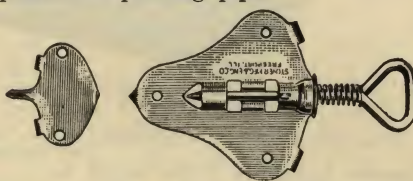
Nos.	7	8	9	10
Diam., in.	7	8	9	10
Wt. doz., lbs.	14	20	25	28
Per dozen	\$3.70	6.50	9.60	11.50

Nos. 3 to 7, three dozen; Nos. 8 and 9, two dozen; No. 10, one dozen in a carton.

DAMPER CLIPS

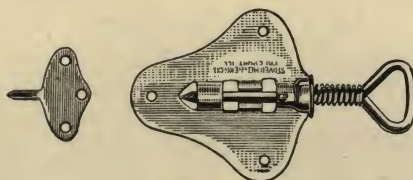
STOVER

Heavy gauge steel, strongly reinforced. Steel spindle made of one piece with end looped to form grip. Neck spring is non-carbonizing, copper finished and holds spindle firmly locked. Reamer point on spindle for piercing pipe.



Non-Rivet Style

	Per dozen
No. 22—Damper clip, with tail piece; wt. per dozen 4 lbs.	\$1.20
No. 23—Damper clip only, without tail piece; wt. per doz 3 $\frac{1}{2}$ lbs. .	1.00
Open stock.	



Rivet Style

	Per dozen
No. 12—Damper clip, with tail piece; wt. per dozen 3 $\frac{3}{4}$ lbs.	\$1.20
No. 13—Without tail piece	1.00
Open stock.	

FLUE THIMBLES

KIRCH ADJUSTABLE

Galvanized



Prevents gas, water, soot and smoke from entering room. Deep pressed in ridge running around the entire thimble, prevents pipes pulling too far into flue.

	Per dozen
No. KAG—Adjustable for 6 or 7 in. flue, 4 in. deep; wt. per dozen 5 lbs.	\$1.20

One dozen in a roll.

FLUE THIMBLES

ADAMS



Cast Iron

	Black lacquered finish, will not rust.		
Nos.	6	7	8
For pipe, in. ...	6	7	8
Wt. dozen, lbs. ...	30	36	52
Per dozen	\$7.50	10.50	13.00

Open stock.

CHIMNEY CAPS

EVERLASTING ADJUSTABLE



Cast Iron

Adjustable to fit chimneys with 4x8, 4x12, 8x8 and 8x12 in. flues.

Nos.	7	8
Size collars, in. ...	7	8
Size base, in. ...	12 $\frac{1}{2}$ x16 $\frac{1}{2}$	12 $\frac{1}{2}$ x16 $\frac{1}{2}$
Wt. dozen, lbs. ...	160	170
Per dozen	\$26.40	26.40

One dozen in a crate

DANDY, ADJUSTABLE



Cast Iron

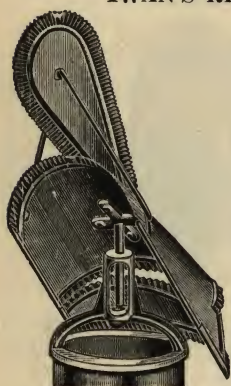
Replaces old sheet iron hoods; fits any chimney; sets in thin coat of mortar; makes an air-tight joint.

Equipped with slotted slugs which slide in slot insuring exact adjustment to chimney and are clamped to it by $\frac{1}{8}$ in. carriage bolts.

	Per dozen
No. 1—For 7 in. pipe; fits chimneys 13x17, 17x17 and 13x21 in.; wt. each 17 lbs.	\$26.40
No. 2—For 8 in. pipe; fits chimneys 13x17, 13x21, 17x17 and 17x21 in.; wt. each 17 lbs. ...	28.80
One-quarter dozen in a crate.	

CHIMNEY TOPS

IWAN'S REVOLVING



Complete Tops

Iron mountings, galvanized iron vane and hood.

Protect the chimney fully from rain, sleet and snow and prevent downward draft. A sure cure for poor drawing chimneys.

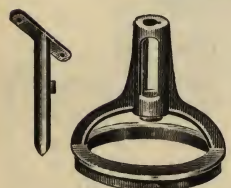
Inches	6	7	8
Wt. doz., lbs.	63	70	85
Per dozen	\$41.00	44.00	46.00

Inches	9	10
Wt. doz., lbs.	100	120
Per dozen	\$53.00	60.00

Open stock.

CHIMNEY TOP MOUNTINGS

IWAN'S REVOLVING



Castings Only

Without hood.

Composed of only two parts, frame and spindle.

Paper patterns for making the vane, hood and deflector are supplied with castings.

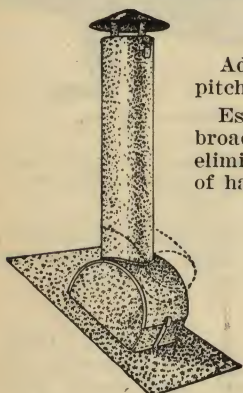
Inches	6	7	8
Wt. doz., lbs.	32	38	45
Per dozen	\$18.00	19.20	21.60

Inches	9	10
Wt. doz., lbs.	63	70
Per dozen	\$26.40	31.20

Open stock.

ROOF SADDLES

ADJUSTABLE



Galvanized

Adjustable to any pitch of roof.

Especially useful on broader houses at it eliminates the necessity of having a chimney.

Nos.	G142	G143
For pipe, in.	4	5
Weight each, lbs.	5	5
Each	\$1.70	1.90

One in a carton.

ROOF SADDLES

COMB



Galvanized Steel

 $\frac{1}{2}$ pitch

No. 6T—For 6 in. pipe, 14x16 in. base; wt. per doz. 17 lbs.\$5.50
One dozen in a carton.

SIDE



Galvanized Steel

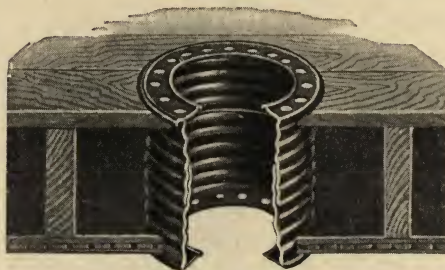
Flat or $\frac{1}{4}$ pitch.

No. 6S—For 6 in. pipe, 14x16 in. base; wt. per doz. 17 lbs.\$5.50
Note—When ordering the above specify pitch wanted.

One dozen in a carton.

STOVE PIPE CYLINDERS

ADJUSTABLE



Buffalo Pattern

Consists of two parts so constructed that by screwing them together any desired adjustment can be secured.

Black japanned sheet steel ends, heavy bright tinplate bodies.

Nos.	1612	1712
For pipe in.	6	7
Opens, in.	6 to 12	6 to 12
Wt. dozen, lbs.	40	50
Per dozen	\$9.60	11.50

One-half dozen in a case.

It Pays to Sell the Best—It Brings Repeat Orders. A Satisfied Customer is the Best Advertiser.

STOVE PIPE ELBOWS

FOLLANSBEE



SECURITY CORRUGATED

Picked blue steel, uniform color; $2\frac{1}{2}$ in. ends.

No. 30 Gauge, 90 Degree

Nos.	BC14	BC15
Diam., in.	4	5
Wt. dozen, lbs.	6 $\frac{3}{4}$	9 $\frac{1}{2}$
Per dozen	\$2.10	2.30

Nos.	BC16	BC17
Diam., in.	6	7
Wt. dozen, lbs.	13	16 $\frac{1}{2}$
Per dozen	\$2.40	3.20

No. 26 Gauge, 90 Degree

Nos.	BC26	BC27
Diam., in.	6	7
Wt. dozen, lbs.	20	25
Per dozen	\$3.40	4.20

SECURITY, ADJUSTABLE

Four piece, 2 in. ends.

Blue super strength steel, uniform color.

Beads hold firmly and allow easy adjustments.



No. 28 Gauge

Nos.	BAL16	BAL17
Diam., in.	6	7
Wt. dozen, lbs.	11 $\frac{1}{2}$	14
Per dozen	\$3.80	4.70

No. 26 Gauge

Nos.	BAL26	BAL27
Diam., in.	6	7
Wt. dozen, lbs.	13 $\frac{1}{2}$	17
Per dozen	\$4.70	5.40

SECURITY, LONG END, ADJUSTABLE

Four piece, 2 in. short end, 5 in. long end.

Blue super strength steel, uniform color. Beads hold firmly and allow easy adjustments.



No. 28 Gauge

Nos.	BAEL16	BAEL17
Diam., in.	6	7
Wt. dozen, lbs.	14 $\frac{3}{8}$	18 $\frac{3}{8}$
Per dozen	\$4.70	5.20

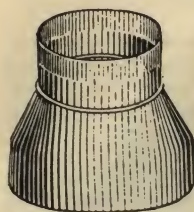
No. 26 Gauge

Nos.	BAEL26	BAEL27
Diam., in.	6	7
Wt. dozen, lbs.	17 $\frac{3}{8}$	22
Per dozen	\$5.20	5.90

All above, one dozen in a bundle.

STOVE PIPE REDUCERS

OVAL



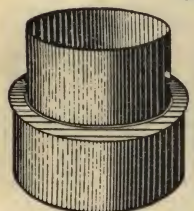
One piece, no rivets.
Strong and durable,
made of uniform col-
or blue steel.

No. 28 Gauge

No. 2130—7 to 6 in.; wt. per dozen
16 lbs.\$3.50

One dozen in a carton.

ROUND



One piece, no rivets.
Strong and durable,
made of uniform color
blue steel.

No. 28 Gauge

No. 2131—7 to 6 in.; wt. per dozen
16 lbs.\$3.50

One dozen in a carton.

RANGE JOINTS

SECURITY, ROUND



Smooth steel, uniform blue color.

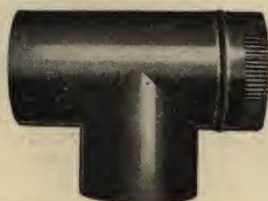
No. 28 Gauge; 30 in. Joint

No. 307—7 in. size; wt. per dozen
36 lbs.\$0.24

25 joints in a carton.

T JOINTS

MADE UP



Smooth steel, uniform color blue steel.
12 in. lateral joint, 6 in. connecting joint.

No. 28 Gauge

Nos.	TJ1286	TJ1287
Size, in.	6x6x6	7x7x7
Wt. dozen, lbs.	17	20
Per dozen	\$8.40	12.00

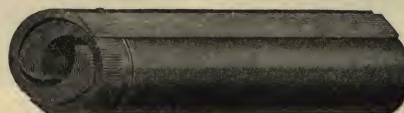
No. TJ1286, one dozen in a carton;

No. TJ1287, open stock.

STOVE PIPE

FOLLANSBEE

SECURITY LOCK, NESTED



Blue super-strength steel; uniform color.

Full Joints, 24 in. Long

No. 30 Gauge

No. 0286—6 in. size; wt. per 100
joints 180 lbs.\$0.20

No. 28 Gauge

Nos.	1283	1284	1285
Size, in.	3	4	5
Wt. 100 joints, lbs.	120	152	184
Per joint	\$0.18	.20	.22

Nos.	1286	1287	1287
Size, in.	6	7 to 6	7
Wt. 100 joints, lbs.	224	240	256
Per joint	\$0.23	.30	.28

No. 26 Gauge

Nos.	1266	1267	1267
Size, in.	6	7 to 6	7
Wt. 100 joints, lbs.	264	284	304
Per joint	\$0.27	.35	.32

Three-Quarter Joints, 18 in. Long

No. 28 Gauge

Nos.	1286 3/4	1287 3/4
Size, in.	6	7
Wt. 100 joints, lbs.	176	200
Per joint	\$0.20	.23

No. 26 Gauge

Nos.	1266 3/4	1267 3/4
Size, in.	6	7
Wt. 100 joints, lbs.	206	236
Per joint	\$0.23	.27

Half Joints, 12 in. Long

No. 30 Gauge

No. 0286 1/2—6 in. size; wt. per 100
joints 98 lbs.\$0.12

No. 28 Gauge

Nos.	1286 1/2	1287 1/2	1287 1/2
Size, in.	6	7 to 6	7
Wt. 100 jts., lbs.	120	128	136
Per joint	\$0.14	.18	.17

No. 26 Gauge

Nos.	1266 1/2	1267 1/2	1267 1/2
Size, in.	6	7 to 6	7
Wt. 100 jts., lbs.	140	150	160
Per joint	\$0.16	.21	.19

Quarter Joints, 6 in. Long

No. 28 Gauge

Nos.	1286 1/4	1287 1/4
Size, in.	6	7
Wt. 100 joints, lbs.	64	72
Per joint	\$0.09	.10

No. 26 Gauge

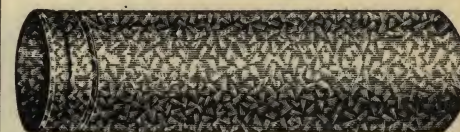
Nos.	1266 1/4	1267 1/4
Size, in.	6	7
Wt. 100 joints, lbs.	74	84
Per joint	\$0.10	.11

NOTE—All of the above can be fur-
nished made up, riveted and crated.
Merely add "RC" to the above num-
bers.

All above, 25 joints in a crate.

SMOKE PIPE

NESTED



Galvanized; for stove or furnace.

Full Joints, 24 in. Long

No. 28 Gauge

Size, in.	3	4	5
Wt. 100 ft., lbs.	67	88	109
Per foot	\$0.25	.32	.38

No. 24 Gauge

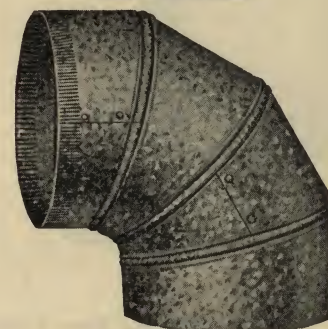
Size, in.	7	8	9
Wt. 100 ft., lbs.	225	250	275
Per foot	\$0.48	.52	.59

Size, in.	10	12
Wt. 100 ft., lbs.	300	350
Per foot	\$0.64	.80

Above, ten joints in a bundle.

SMOKE PIPE ELBOWS

ADJUSTABLE



Galvanized; four piece, 90 degree
adjustable.

No. 26 Gauge

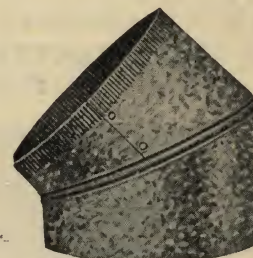
Size, in.	3	4	5
Each	\$0.34	.40	.46

No. 24 Gauge

Size, in.	7	8	9
Wt. 100, lbs.	225	270	350
Each	\$1.00	1.10	1.30

Size, in.	10	12
Wt. 100, lbs.	420	500
Each	\$1.50	1.90

One dozen in a bundle.



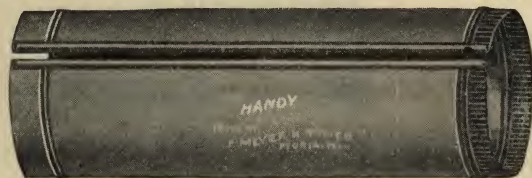
Galvanized; two piece, 45 degree
adjustable.

No. 24 Gauge

Size, in.	7	8	9
Wt. 100, lbs.	135	155	195
Each	\$0.67	.77	.87

Size, in.	10	12
Wt. 100, lbs.	220	295
Each	\$1.07	1.37

One dozen in a bundle.

**FURNACE PIPE
NESTED**

Tin for use on furnaces.

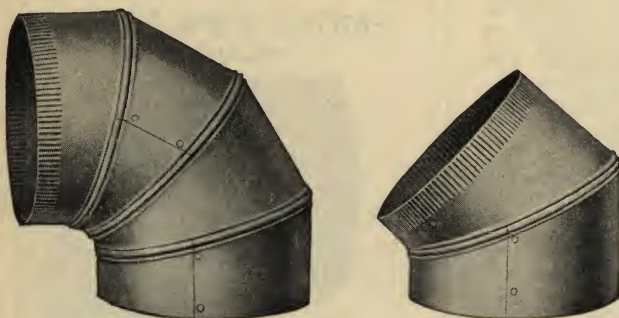
Full Joints, 24 inches Long, IC Tin

Size, in.	8	9	10
Wt. 100 ft., lbs.	103	112	122
Per foot	\$0.33	.37	.42

IX Tin

Size, in.	12
Wt. 100 ft., lbs.	200
Per foot	\$0.60

8, 9 and 10 inches 50 feet; 12 in. 30 feet in a carton.

**FURNACE PIPE ELBOWS
ADJUSTABLE**

90 degree

45 degree

IC Tin; Four Piece, 90 Degree

Size, in.	8	9	10
Wt. 100, lbs.	110	135	160
Each	\$0.55	.60	.70

IX Tin; Four Piece, 90 Degree

Size, in.	12
Wt. 100, lbs.	250
Each	\$1.25

IC Tin; Two Piece, 45 Degree

Size, in.	8	9	10
Wt. 100, lbs.	65	80	105
Each	\$0.35	.40	.45

IX Tin; Two Piece, 45 Degree

Size, in.	12
Wt. 100, lbs.	150
Each	\$0.75

One dozen in a bundle.

**REGISTER BOXES
FLOOR****No. 50—Made to fit any standard make of floor registers.****IC Tin**

Size, in.	8x10	9x12	10x12	12x14
Wt. 100, lbs.	100	110	112	140
Each	\$0.72	.86	.96	1.15

Open stock.

**BASEBOARD REGISTERS
HART & COOLEY**

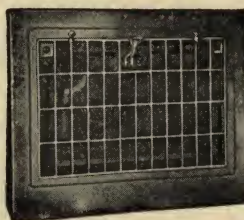
Quickly detachable face. Attractive face design with unusually large free area. Concealed screw holes.

Stackhead overlaps frame. Smooth action valve and operating mechanism. Plenty of clearance for stackhead, eliminating all danger of valve interference.

Height from floor to face opening 2 1/4 inches.

No. 120 Series—With Removable Face

Nos.	Size, in.	Proj. from Wall at Base, in.	Air Cap. Sq. in.	Black, Japan, Each	White Japan, Oak, Lacq'r Finishes Each	*Electroplated		No. in Case	Wt. Each, Lbs.
						Oxidized Copper, Each	Nickel Brass, Bronze, Each		
121 1/4	8x10	1 1/4	63	\$2.00	\$2.35	\$3.50	\$3.50	12	4 1/8
121 1/4	8x12	1 1/4	78	2.40	2.90	3.95	3.95	12	4 3/8
121 1/4	9x12	1 1/4	88	2.50	3.00	4.00	4.00	12	4 3/8
122 1/4	8x10	2 1/4	63	2.00	2.35	3.50	3.50	12	4 3/8
122 1/4	8x12	2 1/4	78	2.40	2.90	3.95	3.95	12	4 5/8
122 1/4	9x12	2 1/4	88	3.00	3.50	4.50	4.50	12	5
123 1/4	8x12	3 1/4	78	3.00	3.50	4.50	4.50	12	5
123 1/4	9x12	3 1/4	88	3.00	3.50	4.50	4.50	12	5 1/2
123 1/4	10x12	3 1/4	98	4.00	4.60	5.75	5.75	12	5 5/8
123 1/4	10x13	3 1/4	107	4.20	5.00	6.20	6.20	12	6 1/4
123 1/4	11x13	3 1/4	118	4.50	5.25	6.75	6.75	12	6 3/8
124 1/4	10x13	4 3/4	107	4.85	5.50	7.00	7.00	12	6 3/8
125 1/4	11x13	5 3/8	118	5.25	6.00	7.50	7.50	8	5
125 1/4	12x14	5 3/8	149	6.50	7.50	8.50	8.50	8	5 1/2
127 1/2	12x14	7 1/2	149	9.00	10.00	12.00	12.00	4	3 1/2



A two-piece register with face that is removable by a quarter turn of the locking buttons.

The oblong perforations and the completely pinched-back fretwork result in air capacity which is exceptional in registers of plain lattice design. Slots are provided in frame flange for convenient fastening to stackhead.

Height from floor to face opening 2 1/4 inches.

No. 150 Series—With Removable Face

Nos.	Size, in.	Proj. from Wall at Base, in.	Air Cap. Sq. in.	Black, Japan, Each	White Japan, Oak, Lacq'r Finishes Each	*Electroplated		No. in Case	Wt. Each, Lbs.
						Oxidized Copper, Each	Nickel Brass, Bronze, Each		
151 1/4	8x10	1 1/4	55	\$2.00	\$2.35	\$3.50	\$3.50	12	3
151 1/4	8x12	1 1/4	68	2.40	2.90	3.95	3.95	12	3 1/4
151 1/4	9x12	1 1/4	78	2.50	3.00	4.00	4.00	12	3 3/8
152 1/4	8x10	2 1/4	55	2.00	2.35	3.50	3.50	12	3 1/8
152 1/4	8x12	2 1/4	68	2.40	2.90	3.95	3.95	12	3 3/8
152 1/4	9x12	2 1/4	78	3.00	3.50	4.50	4.50	12	4
153 1/4	10x12	3 1/4	86	4.00	4.60	5.75	5.75	12	5
153 1/4	11x13	3 1/4	103	4.50	5.25	6.75	6.75	12	5 1/2
155 1/4	11x13	5 3/8	103	5.25	6.00	7.50	7.50	8	5 3/8
155 1/4	12x14	5 3/8	121	6.50	7.50	8.50	8.50	8	6 1/4

* For sand finishes, add 10 per cent to the list prices.

Ⓔ Not carried in stock, but shipped direct from factory.

† Lacquered Antique Bronze (LAB) carried in stock.

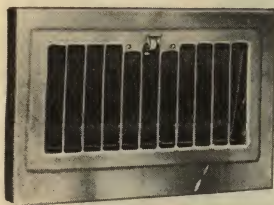
Lacquered Oxidized Copper (LD2) and Lacquered Brass (LF) can be furnished promptly.

‡ Electroplated bronze finishes not carried in stock.

When ordering state whether light, dull or statuary bronze finish is wanted.

BASEBOARD REGISTERS

HART & COOLEY



A one-piece register having a non-detachable face.

This class provides a register that is inexpensive yet efficient in operation and having a large air capacity.

Height from floor to face opening 2 1/4 inches.

No. 190 Series—With Non-removable Face

Nos.	Size, in.	Proj. from Wall at Base, in.	Air Cap. Sq. in.	Black Japan, each	White Japan, ⑤ Oak, † Lacq'r Finishes, each	* Electroplated		No. in Case	Wt. each, lbs.
						Oxi-dized Copper, each	Nickel, Brass ‡ Bronze each		
191 1/4	a6x10	1 1/4	47	\$1.80	\$2.10	\$3.15	\$3.15	12	2 3/4
191 1/4	a6x12	1 1/4	57	2.15	2.60	3.60	3.60	12	3
191 1/4	8x10	1 1/4	63	2.00	2.35	3.50	3.50	12	3 1/4
191 1/4	8x12	1 1/4	78	2.40	2.90	3.95	3.95	12	3 3/4
191 1/4	9x12	1 1/4	88	2.50	3.00	4.00	4.00	12	4
192 1/4	8x10	2 1/4	63	2.00	2.35	3.50	3.50	12	3 5/8
192 1/4	8x12	2 1/4	78	2.40	2.90	3.95	3.95	12	4
192 1/4	9x12	2 1/4	88	3.00	3.50	4.50	4.50	12	4 1/4
193 1/4	8x12	3 1/4	78	3.00	3.50	4.50	4.50	12	4 1/4
193 1/4	10x12	3 1/4	98	4.00	4.60	5.75	5.75	12	5 1/4
193 1/4	10x13	3 1/4	107	4.20	5.00	6.20	6.20	12	5 5/8
193 1/4	11x13	3 1/4	118	4.50	5.25	6.75	6.75	12	6 3/4
194 1/4	10x13	4 3/4	107	4.85	5.50	7.00	7.00	12	6 1/2
195 1/4	11x13	5 3/8	118	5.25	6.00	7.50	7.50	8	7 1/4
195 1/4	12x14	5 7/8	149	6.50	7.50	8.50	8.50	8	8

* For sand finishes, add 10 per cent to the list prices.

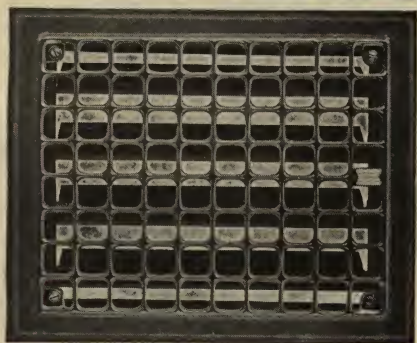
⑤ Not carried in stock, but shipped direct from factory.

† Lacquered antique bronze (LAB) carried in stock. Lacquered oxidized copper (LD2) and lacquered brass (LF) can be furnished promptly.

‡ Electroplated bronze finishes not carried in stock. When ordering state whether light, dull or statuary bronze finish is wanted.

FLOOR REGISTERS

HART & COOLEY



Wrought steel, square hole openings, pinched back fretwork. Supporting bars of heavy gauge steel reinforce the face. Valves have solid trunnions securely fastened to each end, insuring free and easy operation and long life.

Uniform depth opening of 2 1/8 in., closed 1 1/2 in. on all

sizes except 16x20 in. which has an opening of 5 in. and closed 3 in.

No. 200 Series

Floor Opening, in.	Air Capacity, sq. in.	Black Japanned, each	White Japanned, each	Oak Lacquer, each	No. in Case	Wt. each, lbs.
8x10	56	\$1.65	\$2.00	\$2.00	10	3 3/4
8x12	67	1.90	2.30	2.30	10	4 1/2
9x12	75	2.10	2.55	2.55	10	4 1/2
10x12	84	2.40	2.90	2.90	10	5 1/2
10x14	98	3.15	3.80	3.80	10	6 1/2
12x12	101	4.00	4.80	4.80	10	6 5/8
12x14	118	4.35	5.25	5.25	10	7 1/4
12x15	126	4.50	5.40	5.40	5	7 3/4
16x20	237	12.35	13.60	13.60	5	13 1/2

REGISTER FACE PLATES

HART & COOLEY



Heavy duty; non-breakable steel; unsurpassed in air capacity; square hole design on sizes smaller than 16 in., oblong hole design on sizes larger than 16 in. Pinched back fretwork.

Overlap of face margin eliminates necessity of accurate fitting.

No. 250 Series

Floor Opening, in.	Air Capacity, sq. in.	Black Japanned, each	White Japanned, each	Oak Lacquer, each	No. in Container	Wt. each, lbs.
9x12	75	\$1.45	\$1.90	\$1.90	6	1 1/8
10x12	84	1.70	2.20	2.20	6	1 7/8
10x14	98	2.20	2.85	2.85	6	2
12x12	101	2.70	3.50	3.50	6	2 1/4
12x14	118	2.80	3.65	3.65	10	4 3/4
12x15	126	2.90	3.80	3.80	10	5
14x16	157	4.30	6.00	6.00	10	6 3/4
14x18	176	4.50	6.30	6.30	10	7 1/2
14x20	196	4.80	6.40	6.40	10	8
14x22	216	5.00	6.50	6.50	10	9 1/4
16x20	237	6.10	7.35	7.35	10	12 1/8
16x24	284	7.00	8.50	8.50	10	14 1/2
20x24	355	8.60	10.80	10.80	5	18 1/2
24x24	426	12.00	15.00	15.00	5	21 1/2
24x30	532	17.25	21.05	21.05	5	28 1/2
30x30	674	21.50	26.40	26.40	5	43 1/2

COLD AIR FACES

HART & COOLEY

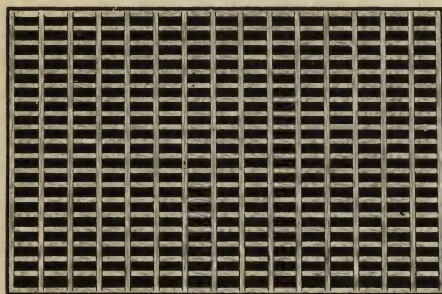


Oblong hole pattern, heavy braces permanently spot welded to face. Wide margins overlap opening. No careful fitting required, no fastening in place necessary.

No. 255 Series

Floor Opening, in.	Air Cap., sq. in.	Pipe size, in.	Pipe cap., in.	Black Japanned, each	Oak Lacquer, each	Oxi-dized Copper, each	No. in Case	Wt. each, lbs.
12x14	126	12	113	\$2.50	\$3.00	\$4.50	5	5
6x30	135	12	113	3.40	3.65	4.80	5	7 1/2
8x30	180	14	154	3.60	3.85	5.50	5	9
10x24	180	14	154	3.60	3.70	5.00	5	8 1/2
10x30	225	16	201	3.75	4.25	5.75	5	9 3/4
12x24	216	16	201	3.75	4.00	5.50	5	9 3/4
12x30	270	18	254	4.00	4.50	6.00	5	11
14x30	313	20	314	4.50	5.00	9.00	5	13 3/4
16x30	360	20	314	5.50	6.00	9.50	5	16
18x30	405	22	380	5.75	6.50	10.00	5	17
20x30	450	24	452	6.00	7.00	10.50	5	19 3/4
24x30	540	26	530	9.50	10.00	15.00	5	22

COLD AIR FACES WOOD

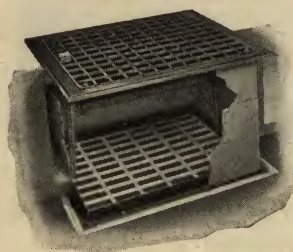


Selected oak, thoroughly seasoned and kiln-dried. Deep strips of face $\frac{1}{8}$ in. thick by $1\frac{3}{8}$ in. deep, cut to receive cross strips $\frac{1}{8}$ x $\frac{1}{8}$ in. Deep strips run the long way of face.

Size in.	Air space, sq. in.	Nearest size round pipe, in.	Wt. each, lbs.	Each
12x18	121	12	2½	\$1.50
12x24	161	14	3½	2.00
12x30	202	14	4½	2.50
14x20	157	14	3½	1.94
14x22	173	14	3¾	2.13
14x24	188	16	4	2.33
14x30	235	16	5	2.92
16x20	179	14	4	2.22
16x24	215	16	4½	2.67
16x30	269	18	5¾	3.34
18x24	242	18	5½	3.00
18x30	303	20	6½	3.75
20x30	336	20	7¼	4.17
24x30	403	22	8¾	5.00
24x36	484	24	10½	6.00
30x30	504	26	11	6.25

Note—Numerous other sizes are available; in fact, any desired opening may be specified. Prices will compare substantially with the above.

ADJUSTABLE VENTILATORS HART & COOLEY



Made to carry surplus heat from a lower to an upper room. Ventilators are complete, ready for installation, each consisting of one black floor register and one white face, attached to a tin box which is adjustable from 5 to 12 in. in depth. Easy to install, allows maximum heat to pass through.

No. 2250—Wrought Steel

Size, in.	9x12	10x12
Wt. each, lbs.	8¾	10
Each	\$5.40	6.40
Size, in.	10x14	12x14
Wt. each, lbs.	11	12¾
Each	\$7.60	10.00

One in a carton.

STOVE PIPE REGISTERS ADAMS



Floor Plate.



Ceiling Plate.

In Sets of Two Plates

One black japanned floor plate and one white japanned ceiling plate with detachable center.

Nos.	6A	7A
For pipe, in.	6	7
Wt. dozen sets, lbs....	220	220
Per dozen sets	\$65.00	65.00

One-quarter dozen sets in a case.

FIRE BACKS DIAMOND EXTENSION



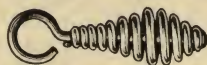
Adjustable for Cook Stoves and Ranges

Made of cast iron, without bolts, easily and quickly adjusted; the extended parts slide in dove tail grooves; will not warp nor become loose.

No. 8—Adjusts from 4½ to 7 in. in width, from 15 to 20 inches in length; wt. per dozen 110 lbs. \$31.20

One-half dozen in a case.

WIRE DROP HANDLES

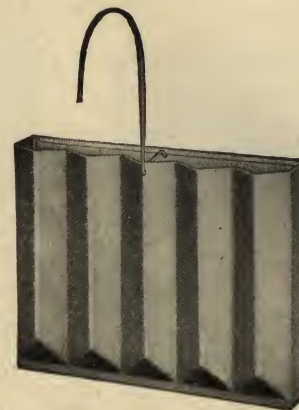


Coil wire, nickel plated.

No. 3NP—3½ in. long; wt. per dozen 1 lb. \$0.72

Two dozen in a box.

AIR MOISTENERS NESCO



Hot dipped heavy galvanized metal. Attractive rust-proof gold bronze finish.

Protects health and promotes comfort by humidifying dry, dust-laden air.

No. 50—Cap. 4 qts., 12½ x 2¾ x 9½ in.; wt. per dozen 22¾ lbs. \$8.40

One dozen in a carton.

SHEET MICA



Selected quality

Size, in.	2x3	2½x2½	2½x3
Per sheet	\$0.04	.05	.06
Size, in.	2½x3½	2½x4	2½x4½
Per sheet	\$0.04	.05	.10
Size, in.	3x3	3x3½	3x4
Per sheet	\$0.09	.11	.14
Size, in.	3x4½	3x5	3x6
Per sheet	\$0.15	.17	.20
Size, in.	3½x3½	3½x4	3½x4½
Per sheet	\$0.15	.17	.20
Size, in.	3½x5	3½x6	4x4
Per sheet	\$0.22	.25	.20
Size, in.	4x5	4x6	
Per sheet ..	\$0.25	.35	

Average weight per carton ¼ pound. One sheet in an envelope, one hundred sheets in a carton.

Our large and complete stock enables us to render prompt and efficient service on all items shown in this catalog.

ANDIRONS

ADAMS



Cast Iron

16 inches high.

No. 3—Black finish; wt. per pair 23 lbs.\$7.50
One pair in a carton.



Cast Iron

13 1/4 inches high.

No. 7—Black finish, with loop; wt. per pair 13 lbs.\$4.25
One pair in a carton.

FIRE SETS

ADAMS



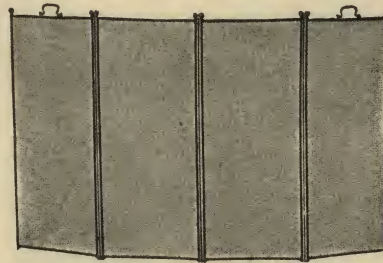
Cast Iron

Height 25 in.

Per set
No. 1—Set consists of poker, tongs and shovel; complete with stand; wt. per set 17 lbs.\$7.50
One set in a carton.

FIREPLACE SCREENS

ADAMS



No. 600—Four Panels, Black Finish

10 mesh, No. 25 gauge black wire cloth, 1/4 in. round metal frame, solid brass handles and knobs.

Height, in.	26	30	36
Width panels, in. ...	12	12	12
Wt. each, lbs.	13	14	18
Each	\$8.50	8.50	12.00

One in a carton.

FIREPLACE GRATES

ADAMS



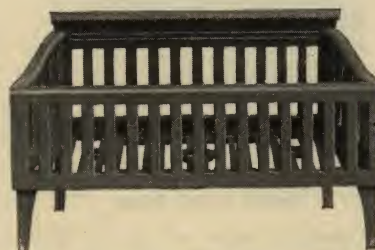
No. 1—Black Finish, Closed Back

Front, in.	17	19	21
Back, in.	14	17	19
Depth, in.	11	11	11
Wt. each, lbs.	40	42	47
Each	\$8.50	8.50	9.60

Front, in.	23	26
Back, in.	21	24
Depth, in.	11	11
Wt. each, lbs.	51	56
Each	\$9.60	12.80

Front, in.	29	35
Back, in.	25	33
Depth, in.	11	11
Wt. each, lbs.	59	73
Each	\$15.00	25.50

One in a crate.



No. 101—Black Finish, Open Back

Front, in.	23	26
Back, in.	21	24
Width, in.	11	11
Wt. each, lbs.	49	54
Each	\$8.00	10.50

One in a crate.

DOME FIREPLACE

DAMPERS

ADAMS



Damper operated from front, side, or middle of fireplace.

Operated by geared mechanism and locked at any desired point.

Ashes or soot cannot collect back of damper.

No. 10—Polished Solid Brass Handle

Front, in.	30	34
Back, in.	23	27
Depth, in.	13 1/4	13 1/4
Throat open, in.	24x10	28x10
Flue, in.	8x12	8x12
Wt. each, lbs.	38	42
Each	\$9.60	10.40

Front, in.	36	38
Back, in.	29	31
Depth, in.	13 1/4	13 1/4
Throat open, in.	30x10	32x10
Flue, in.	8x12	8x16
Wt. each, lbs.	42	45
Each	\$11.20	12.80

Open stock.

ASH DUMPS

ADAMS



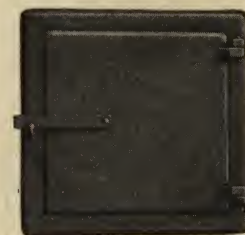
Black japanned cast iron; double acting automatic. Ash dumps securely fastened to frame and will not fall out.

No. 1—7x9 in. outside, 4 1/2 x 6 1/2 in. inside; wt. per doz. 36 lbs. ...\$12.00

One dozen in a carton.

ASH PIT DOORS AND FRAMES

ADAMS



Lever latch is positive catch which holds door secure with a tight fit in frame. Two 4 inch anchor irons hold frame securely in place.

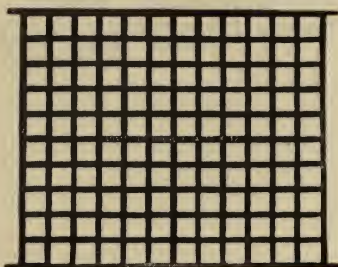
No. 2—Cast Iron, Black Lacquer Finish

Size, in.	8x8	8x10
Wt. doz., lbs.	78	92
Per dozen	\$14.40	16.80
Size, in.	10x12	12x15
Wt. doz., lbs.	123	214
Per dozen	\$26.40	60.00

One dozen in a carton.

FOUNDATION VENTILATING GRATES

ADAMS



Cast Iron, Black Lacquer Finish

Size, in.	6x8	8x8	8x10
Wt. dozen, lbs.	21	33	36
Per dozen	\$6.00	7.20	7.20

Size, in.	8x12	8x16	10x12
Wt. dozen, lbs.	42	52	50
Per dozen	\$8.40	10.80	10.80

One dozen in a bundle.

STOVE CASTERS

HARPER



Cast iron, low style. Especially adapted for use in moving stoves and heavy packing boxes.

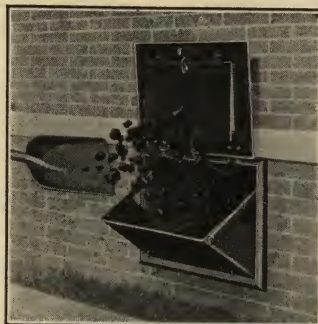
Per set

No. 4SC—Set of 4, inside dimension of cup $2\frac{1}{4}$ in., size of wheels $1\frac{1}{4} \times \frac{5}{8}$ in.; wt. per set $8\frac{1}{2}$ lbs. \$2.50

One set in a carton.

MAIL ORDERS—When your customer wants something "special" which you do not carry in stock, select from our catalog and communicate with us at once. Our stock selected for this territory is the most complete to be found anywhere.

COAL CHUTES MAJESTIC



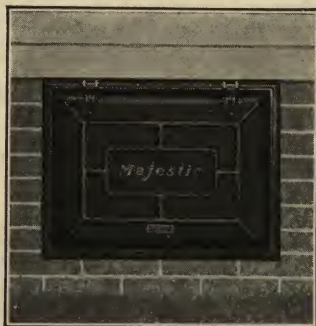
Glass Panel Door

Door constructed of heavy pressed steel, electro-galvanized; frame and hinges of certified malleable iron. Body made of Keystone copper steel, with 12 in. sloping bottom, and top reinforced with angle iron to carry masonry. Panels are of heavy plate glass set in rubber to prevent breakage. When door is open glass is protected by a steel shield. Equipped with automatic latch operated by an inside chain.

With Hopper

No. M10A—Rough wall opening 23 in. wide, 17 in. high, 12 in. deep; ship. wt. 62 lbs.\$18.80

Each



Solid Steel Door

Construction same as No. M10A described above but with solid steel door.

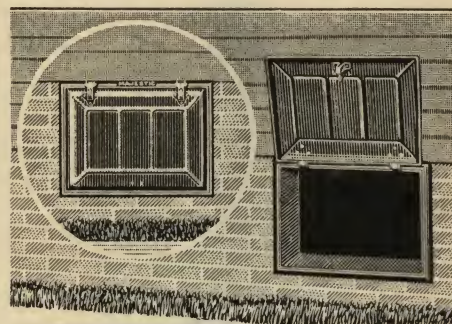
With Hopper

No. M101B—Rough wall opening 23 in. wide, 17 in. high, 12 in. deep; ship. weight each 54 lbs.\$15.00

Each

Open stock.

COAL CHUTES MAJESTIC SPECIAL



Without Hopper; Solid Door Type

Heavy gauge pressed steel door, cast semi-steel frame, copper bearing steel body. Door is automatically held open by slotted malleable iron hinges which, being flat, permit door to easily clear the water table.

A burglar proof lock operates automatically when door is closed, but may be unlocked from any place in the basement.

Attractive in appearance and durable in construction. Door is of a design that harmonizes well with the finest architecture. When open it protects the wall above the opening.

Straight Bottom Body

No. 50—For wall opening 23 in. wide, 17 in. high, 9 in. deep; wt. each 40 lbs.\$8.50

Open stock.

MONTICELLO



Western Pattern, Extension Type

Galvanized sheet steel. Heavy steel angle spot welded along side edges, one around top or mouth and piece of flat steel at bottom or discharge end. This reinforcing holds body firmly in shape.

Top end 18 in. wide, bottom 17 in. This slight taper permits joining two or more of these chutes together, making one continuous chute of almost any desired length.

No. 18 Gauge

Nos.	306-18	308-18
Length, ft.	6	8
Wt. each, lbs.	46	60
Each	\$10.80	13.00
Nos.	310-18	312-18
Length, ft.	10	12
Wt. each, lbs.	75	90
Each	\$15.00	17.00

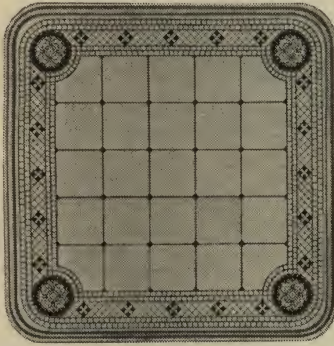
No. 16 Gauge

Nos.	306-16	308-16
Length, ft.	6	8
Wt. each, lbs.	46	60
Each	\$12.50	15.00
Nos.	310-16	312-16
Length, ft.	10	12
Wt. each, lbs.	75	90
Each	\$17.25	20.00

Open stock.

STOVE BOARDS

WABASH "MOSIAC"



Black sheet, smoothly folded with modern tile design on top side. Back is painted to prevent rusting. Finished with a durable and elastic varnish.

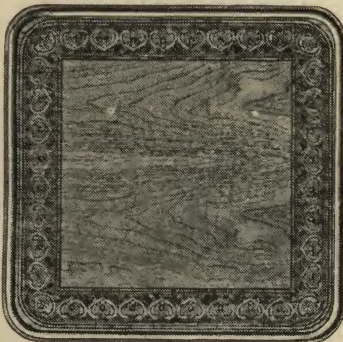
Edges, outside the raised moulding are folded under securely so that no sharp edge is left to cut the user or damage the floor.

Unlined

Size, in.	24x24	26x26	28x28
Wt. dozen, lbs...	35	40	46
Per dozen	\$7.00	8.00	9.20
Size, in.	30x30	26x30	28x34
Wt. dozen, lbs...	53	47	56
Per dozen	\$10.20	9.20	10.80

One dozen in a crate.

WABASH "WALNUT"



Selected steel sheet, mounted on two ply cross laid soft pine base which will not warp. Base is sewn together instead of being nailed and will not mar floor. Board has smooth, folded edges and rounded corners.

Grained walnut enamel finish.

No. 89—Square, Wood Lined

Size, in.	30x30	33x33	36x36
Wt. dozen, lbs..	151	184	212
Per dozen	\$35.20	43.00	49.50

One-half dozen in a case.

No. 94—Oblong, Wood Lined

Size, in.	28x34	30x38	32x42
Wt. dozen, lbs..	163	185	224
Per dozen	\$36.50	44.00	50.00

One-half dozen in a case.

STOVE BOARDS

WABASH "CRYSTALLIZED"



Selected coke tinplate, mounted on two ply cross laid soft pine base which will not warp. Base is sewn together instead of being nailed and will not mar the floor. Board has smooth, folded edges and rounded corners.

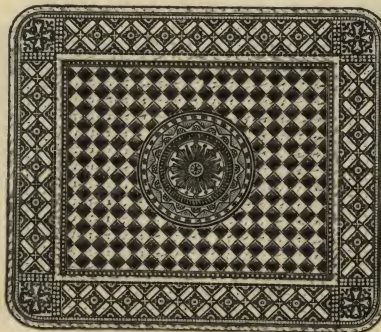
Crystallized finish over all except design which is outlined in bright black.

No. 3—Square, Wood Lined

Size, in.	28x28	30x30
Wt. dozen, lbs.	124	142
Per dozen	\$30.00	33.50

Size, in.	33x33	36x36
Wt. dozen, lbs.	167	199
Per dozen	\$40.20	46.40

One-half dozen in a case.



Selected coke tinplate, mounted on two ply cross laid soft pine base which will not warp. Base is sewn together instead of being nailed and will not mar the floor. Board has smooth, folded edges and rounded corners.

Crystallized finish over all except design which is outlined in bright black.

No. 6—Oblong, Wood Lined

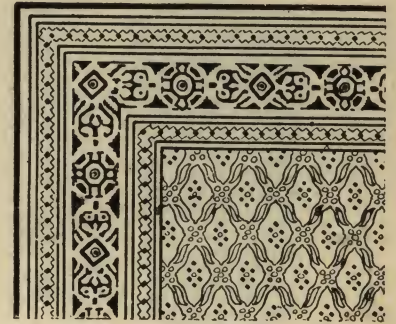
Size, in.	26x32	28x34
Wt. dozen, lbs.	135	150
Per dozen	\$31.00	34.20

Size, in.	30x38	32x42
Wt. dozen, lbs.	172	206
Per dozen	\$41.50	47.00

One-half dozen in a case.

"ALL PURPOSE" MATS

CARTHAGE



Assorted color and patterns

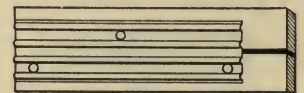
Absolutely lie flat without nailing or pasting. Will not curl or kick up on edges, will stand hard wear. Assorted tiles and fancies. Two color combinations, black and gray, and green and tan.

Each No. M—4½x4½ ft.; wt. ea. 6½ lbs. \$1.50

Six assorted in a tube.

LINOLEUM SEAM BINDING

LIGHT EMBOSSED

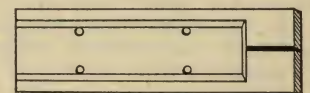


Brass, 30 gauge; with nails for each two yards.

Per box No. 30G—¾ in.; wt. per box 4¼ lbs. \$3.00

50 yards in a dispensing box.

MEDIUM PLAIN



Brass, 26 gauge; with nails for each yard.

Per box No. 26G—7/8 in.; wt. per box 4¾ lbs. \$3.60

75 feet in a dispensing box.

LINOLEUM EDGE BINDING

TURNED



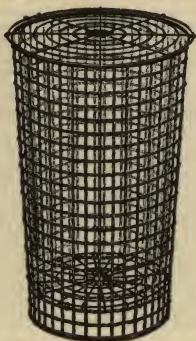
Medium brass, 26 gauge; with nails for each yard.

Per box No. 26E—5/8 in.; wt. per box 4½ lbs. \$3.60

75 feet in a dispensing box.

BURNER BASKETS

CYCLONE CATCH-ALL



Constructed of heavy crimped steel wire, No. 10 gauge; woven in $1\frac{1}{2}$ in. square mesh, electrically welded at every fourth intersection. Reinforced at top and bottom with heavy steel rims. Finished in baked green enamel.

Raised bottom provides a good draft and the close mesh keeps burning fragments safely confined—no fire hazards.

Each

No. 2C—Height 29 in., diam. top 20 in., diam. bottom 16 in.; wt. each 12 lbs.\$4.30
One-half dozen nested, with covers tied to top.

CYCLONE REDTAG



Constructed of heavy steel No. 10 wire except top and bottom rims which are No. 6 wire. Every intersection welded for added strength. Bottom raised for draft.

May also be used as receptacles for used paper, towels and other articles of waste. Finished in red enamel.

Nos.	1R	2R	3R
Height, in.	23	23	28
Diam. top, in.	16	18	19
Diam. bottom, in.	13	15	15
Wt. each, lbs.	$5\frac{1}{2}$	7	8
Each	\$1.40	1.60	1.80

One-half dozen nested, with covers tied to top.

STOVE SCRAPERS

ARCADE



$1\frac{1}{4} \times 3\frac{3}{4}$ in. steel blade welded to steel handle. Handle has formed loop in end.

No. 9366—Length 36 in.; wt. per dozen 6 lbs.\$1.20
Open stock.

STOVE POKERS

STRAIGHT

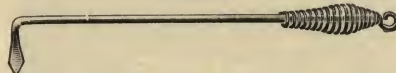


Nickel plated, tempered steel rod, cool grip coil wire handle, with ring.

Nos.	9370	9386
Length, in.	20	26
Diam., in.	$\frac{1}{4}$	$\frac{3}{8}$
Wt. dozen, lbs.	6 $\frac{1}{2}$	13 $\frac{1}{2}$
Per dozen	\$1.50	3.60

One dozen in a box.

BENT



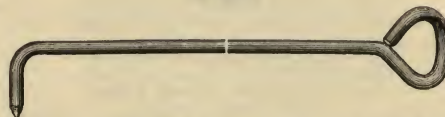
Nickel plated, tempered steel rod, cool grip coil wire handle, with ring.

Nos.	9371	9387
Length, in.	20	26
Diam., in.	$\frac{1}{4}$	$\frac{3}{8}$
Wt. dozen, lbs.	6 $\frac{1}{2}$	13 $\frac{1}{2}$
Per dozen	\$1.50	3.60

One dozen in a box.

FURNACE POKERS

BENT

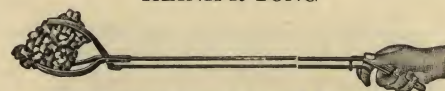


$\frac{1}{2}$ in. steel rod with bent end sharply pointed formed loop handle.

No. 9396—Length 48 in.; wt. per dozen 38 lbs.\$6.70
Open stock.

CLINKER TONGS

KLINK-R-TONG



Clinkers are clamped and securely held in tongs by an easy pull on the trigger with one finger.

Tongs of flat steel, long handle of heavy steel rod bent to form pistol grip for easy handling, trigger rod of heavy gauge wire.

Klink-R-Tong—Length handle 28 in., length over all 34 in.; weight per dozen 11 lbs.\$2.00

One dozen in a bundle.

FIRE SHOVELS



Japanned; heavy and extra strong; seamless bowl, corrugated corners. Double band steel handle, riveted; swaged edge will not bend out of shape.

Nos.	9	11
Scoop, in.	$5\frac{1}{8} \times 8\frac{3}{4}$	$5\frac{1}{8} \times 9$
Length over all, in.	22	25
Wt. dozen, lbs.	14	16
Per dozen	\$2.90	3.30

Open stock.

FIRE SHOVELS



Japanned; seamless body and round handle, swaged edge, corrugated corners.

Nos.	56	57
Scoop, in.	$4\frac{3}{4} \times 7$	$8\frac{1}{2} \times 5$
Length over all, in.	20	22
Wt. dozen, lbs.	9	12 $\frac{1}{2}$
Per dozen	\$1.60	2.00

Open stock.



Japanned; seamless body and flat handle, swaged edge, corrugated corners.

No. 80—Scoop $7 \times 4\frac{5}{8}$ in., length over all $14\frac{1}{4}$ in.; wt. per dozen 7 lbs. \$1.20
Open stock.



Galvanized; extra deep bowl, corrugated corners, round handle; swaged edge will not bend out of shape.

No. 50—Scoop $8\frac{3}{4} \times 4\frac{3}{8}$ in., length over all $20\frac{1}{2}$ in.; wt. per dozen 14 lbs.\$2.50
Open stock.

COAL HODS

OPEN, JAPANNED



Corrugated body, hollow back handle, heavy riveted ears.

Strongly wired top rim, oval bail, side seams give added strength to body.

Nos.	17J	18J
Size, in.	17	18
Wt. dozen, lbs.	28	30
Per dozen	\$6.50	7.00

One-half dozen in a bundle.

OPEN, GALVANIZED



Corrugated body, hollow back handle, heavy riveted ears.

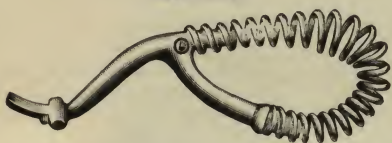
Strongly wired top rim, green enameled oval bail, side seams give added strength to body.

Nos.	16G	17G	18G	20G
Size, in.	16	17	18	20
Wt. dozen, lbs.	32	35	38	50
Per dozen	\$7.80	8.00	8.50	12.00

One-half dozen in a bundle.

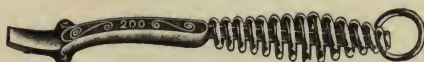
LID LIFTERS

ARCADE



Cast iron, coil wire grip, nickel plated finish.

Per dozen
No. 9351—Length over all 9 in.; wt.
per dozen 6½ lbs.\$1.50
One dozen in a box.



Cast iron, coil wire handle, nickel plated finish.

Per dozen
No. 9352—Length over all 9½ in.;
wt. per dozen 5½ lbs.\$1.40
One dozen in a box.

LID LIFTERS AND SHAKERS

ARCADE COMBINATION



Cast iron, coiled wire handle, nickel plated finish.

Per dozen
No. 9356—Length over all 10½ in.,
shaker hole ⅝ in. square; wt.
per dozen 7½ lbs.\$2.00
One dozen in a box.

STOVE POLISH

BLACK SILK LIQUID



A benzine liquid which will not freeze and produces a deep black, lustrous and lasting finish. Waterproof, will not burn or rub off, does not dry out, freeze or rust through the can. In screw top tin cans.

Nos.	6	8
Size can, ozs.	6	8
No. in case	36	36
Wt. case, lbs.	16½	23
Per dozen	\$2.60	3.50

BLACK SILK PASTE

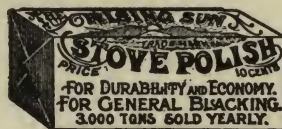


A benzine paste which will not dry out and produces a lasting and lustrous finish. Waterproof, will not burn or rub off. In friction top tin cans.

Nos.	5	20
Size can	5 ozs.	5 lbs.
No. in case	36	6
Wt. case, lbs.	17	35
Per dozen	\$2.40	22.80

STOVE POLISH

RISING SUN PASTE



Absolutely safe, does not lose its polishing properties by exposure.

To be applied with cloth or brush.

Per dozen
No. 1—Size cake 6 ozs.; wt. per
case 18 lbs.\$3.00
Three dozen in a case.

BLACK CAT LIQUID



A naphtha preparation for sheet iron ranges, gas ranges, coal burners, and stove pipes. Requires little brushing to get a fine polish. Free from dust, smoke and odor. Gives a quick, lasting lustre and prevents stove from rusting.

Per dozen
No. 7—Size bottle 7 ozs.; wt. per
case 7 lbs.\$3.20
One dozen in a case.

BLACK EAGLE LIQUID



A benzine mixture which is waterproof.

No dust; quick drying. Requires very little rubbing. For new and old stoves. In screw top tin cans.

Per dozen
No. BE—Size can 4 ozs.; wt. per
case 9 lbs.\$1.80
Two dozen in a case.

FYR-PRUF LIQUID



Will blacken the stove and shine the nickel parts at one time from the same can. Applied with cloth or brush, and with little labor, no dust, odor or rust, it produces a most beautiful and lasting lustre. Will not burn red or cake on the stove. Safe, reliable and absolutely fire proof. Comes ready mixed for use. To clean the hands after using simply wash in cold water. In screw top tin cans.

Per dozen
No. FP—Size can 7 ozs.; wt. per
case 24 lbs.\$2.50
Three dozen in a case.

STO-V-OIL

LIQUID



A rust preventing and removing preparation which also cleans and polishes. For use on stoves, stove pipes, ovens and furnaces. May also be used to preserve the polish on any item made of silver, nickel, brass, bronze and copper.

Will not soil hands or clothing.

Per dozen
No. 4—Size Bottle 4 ozs.; wt. per
case 9½ lbs.\$6.40
One dozen in a case.

IRON ENAMEL

BLACK SILK



For use on stove pipe, range bodies, heating drums, gas stoves, etc. Produces a brilliant black surface which will not wear off and prevents rust. In friction top tin cans.

Per dozen
No. 1—Size can ½ pt.; wt. per
case 18 lbs.\$3.70
Three dozen in a case.

PEERLESS



Gloss black, durable, heat proof and quick drying.

For screens, stove pipes and all metal. In friction top tin cans.

Nos.	4	8
Size can	¼ pt.	½ pt.
No. in case	24	24
Wt. case, lbs.	10	16
Per dozen	\$2.00	3.00

ALUMINUM ENAMEL

PEERLESS



For ornamental fixtures, picture frames, stove trimmings, ovens, radiators and pipes.

Brilliant, durable and heat-resisting. Double compartment cans powder and liquid separate, ready for mixing.

Nos.	4	2
Size can	¼ pt.	½ pt.
No. in case	12	12
Wt. case, lbs.	7	10
Per dozen	\$4.80	8.00

METAL POLISH BURNISHINE



A liquid preparation for the perfect cleaning and polishing of brass, copper, bronze, pewter, aluminum, nickel, etc.

Contains no ammonia, acids or anything injurious to metal or to the hands.

Nos.	2A	3A	4A
Size can, pt.	1/4	1/2	1
No. in case	36	36	24
Wt. case, lbs.	13	30	35
Per dozen	\$2.50	4.20	7.50

BAR-KEEPER'S FRIEND



A powdered form cleaner which has no equal for removing tarnish from brass, copper, chromium, stainless steel, monel, silver, soda fountains, pewter and gold. Unequalled for cleaning bath tubs, windows, porcelain, marble or tile.

	Per dozen
No. BKE—Size can 14 ozs.; wt. per case 33 lbs.	\$3.50

Three dozen in a case.

SILVER POLISH WRIGHT'S SILVER CREAM



A high grade polish, in paste form; for use in cleaning and polishing silverware; glassware, marble, porcelain, nickel, etc.

In glass jars with tin screw tops.

	Per dozen
No. 8—Size jar 8 ozs.; wt. per dozen 14 lbs.	\$4.50

One dozen in a box.

FURNACE CEMENT RUTLAND



A black asbestos compound for making joints smoke and gas tight when installing or resetting hot air furnaces and oil burning equipment. For making small repairs to coal stoves, ranges and stove brick, sealing flue doors, coal doors, etc.

Adheres firmly to iron and does not crumble or fall out. Not injured by freezing.

Size can, lbs.	1	5	10
No. in case	24	12	6
Wt. case, lbs.	29 1/2	69	68
Per dozen	\$2.16	8.40	16.80

PECORA

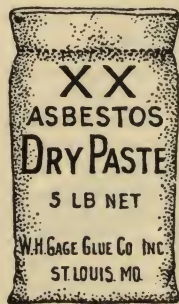


A pliable iron-gray paste which becomes very hard when heat is applied. Does not become porous shrink, crumble or crack. Odorless, indestructible, fire and acid proof.

Makes an airtight joint on a chimney collar preventing all smoke, gas or odors escaping into room.

Size cans, lbs.	1	5	10
No. in case	24	12	6
Wt. case, lbs.	28	65	65
Per dozen	\$2.16	8.40	16.80

FURNACE PIPE PASTE XX ASBESTOS



Embodies viscous and lasting sticking qualities and produces bulk in greater quantity than any other adhesive flour when mixed with cold or luke-warm water.

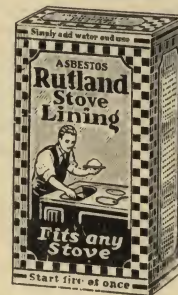
One pound will make a gallon of proper consistency. Contains no chemical or foreign ingredients and causes no discoloration to paper or injury to workman's hands. Adapted for all ordinary uses and is highly recommended for pasting asbestos paper to tin, galvanized iron or steam pipes.

Adheres firmly to iron and does not crumble or fall out. Not injured by freezing.

Size bags, lbs.	5	10	25
Per pound	\$0.19	.17	.16

Open stock.

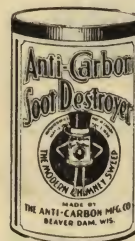
STOVE LINING RUTLAND



In powder form to be mixed with water to form a thick paste or dough. Used for patching or replacing of brick or cast iron linings in stoves and furnaces. Also for setting fire brick in installing oil burners.

	Per dozen
No. 3—Size of package 2 1/2 lbs.; wt. per case 65 lbs.	\$4.30
Two dozen in a case.	

SOOT DESTROYER ANTI-CARBON



A patented chemical preparation which, when deposited on a bed of live coals, will destroy all soot in the interior of stoves, ranges, stove pipes, boiler flues, furnaces, etc.

Nos.	1	2
Size can, lbs.	1	2
No. in case	12	12
Wt. case, lbs.	16	29
Per dozen	\$3.00	5.50

CANNED HEAT STERNO



A solid non-melting portable fuel, which ignites readily and burns steadily and intensely until consumed.

Can be extinguished and relit as many times as desired until entire contents of can are consumed.

Put up in seamless steel cans, is absolutely safe, odorless and non-explosive.

Gives an intensely hot, quick flame, will not leak or spill.

Nos.	4006	4008
Cap. cans, ozs.	3	7
Height can, in.	1 1/8	2 1/8
Diam. can, in.	2 1/8	3 1/2
Wt. dozen, lbs.	3 3/4	8 1/4
Per dozen	\$1.80	4.20

One dozen cans in a display box.



